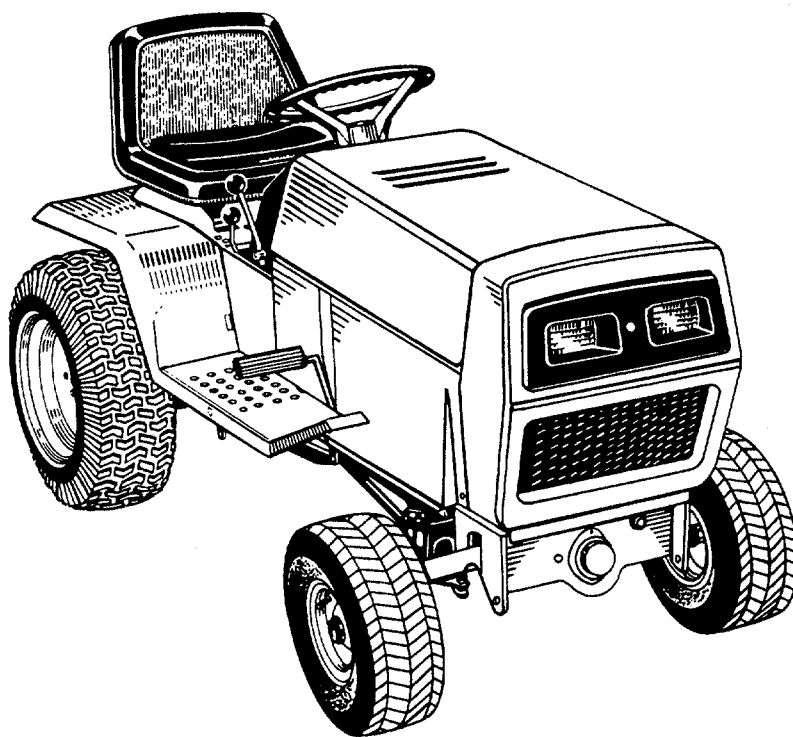


OWNER'S GUIDE

ASSEMBLY • OPERATION • MAINTENANCE • PARTS



**18 H.P.
HYDROSTATIC
GARDEN
TRACTOR**

Attachments - pg. 15

**Model Number
140-995-000**

3 PT. HITCH - 250 LBS LIFT.

Important: Read Safety Rules and Instructions Carefully

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Dear Customer,

So often throughout the year we are all in a rush to meet our daily obligations.

However, we at MTD Products Inc are taking a quick moment out to say...

"Thank you for your business."

Sincerely,

MTD PRODUCTS INC



INSTRUCTIONS GIVEN WITH THIS SYMBOL ARE FOR PERSONAL SAFETY. BE SURE TO FOLLOW THEM.

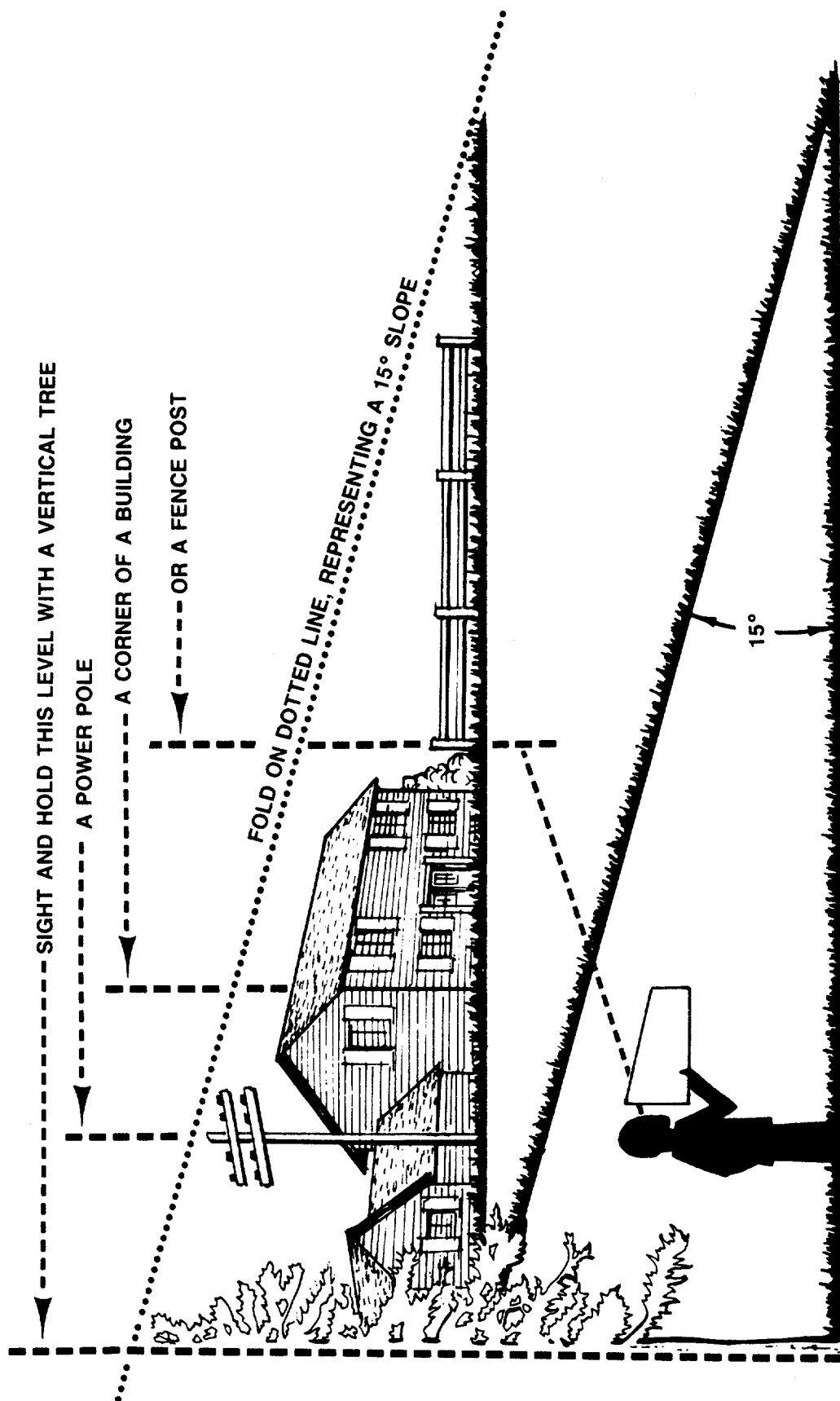
WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator.

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the MTD PRODUCTS, INC service department.

USE THIS SHEET AS A GUIDE TO DETERMINE SLOPES WHERE YOU MAY NOT OPERATE SAFELY.

SLOPE GAUGE

(Keep this sheet in a safe place for future reference.)



Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2½ feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury.

Operate RIDING mowers up and down slopes, never across the face of slopes.

Operate WALK-BEHIND mowers across the face of slopes, never up and down slopes.

IMPORTANT

RULES FOR SAFE OPERATION



THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR UNIT. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL—



HEED ITS WARNING.



DANGER

Your unit was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. If you violate any of these rules, you may cause serious injury to yourself or others.

1. READ THIS OWNER'S MANUAL carefully in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This unit is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.
3. Know the controls and how to stop the machine quickly.
4. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts to avoid entanglement in the moving parts. Never operate a unit in bare feet, sandals, or sneakers.
6. To prevent injury, do not carry passengers or give rides. Keep children, pets and bystanders out of the area while mowing. Only the operator should ride on the unit and only ride in the seat.
7. Check overhead clearance carefully before driving under power lines, guy wires, bridges or low hanging tree branches, before entering or leaving buildings, or in any other situation where the operator may be struck or pulled from the unit, which could result in serious injury.
8. To maintain control of the unit and reduce the possibility of upset or collision, operate the tractor smoothly. Avoid erratic operation and excessive speed.
9. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction and cause injury to you or a bystander.
10. Always wear safety glasses or eye shields during operation or while performing an adjustment or repair, to protect eyes from foreign objects that may be thrown from the machine in any direction.
11. Stop the blade(s) when crossing gravel drives, walks or roads.
12. Disengage all attachment clutches and shift into neutral before attempting to start engine.
13. Before leaving the operator's position, disengage blade(s), place shift lever in neutral, engage parking brake, shut engine off and remove key.
14. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade(s) can cause injury.
15. Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
16. Before attempting to unclog the mower or discharge chute, stop the engine. The mower blade(s) may continue to rotate for a few seconds after the engine is shut off. Therefore, be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
17. Disengage power to attachment(s) when transporting or not in use.
18. For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15° as shown on the slope gauge, do not operate this unit on that area or serious injury could result.
19. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face. Use extreme caution if it is necessary to drive the tractor up an incline or back the tractor down an incline because the front of the tractor could lift and rapidly flip over backward which could cause serious injury.
20. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Always keep the tractor in low gear when going down steep hills to take advantage of engine braking action. Choose a low enough gear so that you will not have to stop or shift while on the slope.
21. Stay alert for holes in terrain and other hidden hazards which may cause the unit to tip over.
22. Use care when pulling loads or using heavy equipment.
 - A. Use only approved drawbar hitch points.
 - B. Limit loads to those you can safely control.
 - C. Do not turn sharply. Use care when backing.
 - D. Use counterweight(s) or wheel weights when suggested in owner's manual.
23. Watch out for traffic when crossing or near roadways.
24. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
25. Handle gasoline with care. It is highly flammable.
 - A. Use approved gasoline container.
 - B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline. Always use original type vented cap.
 - C. Open doors if engine is run in garage. Exhaust fumes are dangerous. Do not run engine indoors.
26. Never store the machine with fuel in the fuel tank inside a building where ignition sources are present, such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
27. To reduce fire hazard, keep engine and cutting deck free of grass, leaves or excessive grease.
28. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in operator's manual.
29. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
30. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object. The damage should be repaired before restarting and operating the equipment.
31. Do not change the engine governor settings or overspeed the engine.

Rules for Safe Operation (continued)

32. When using the vehicle with mower, proceed as follows:
 - (1) Mow only in daylight or in good artificial light.
 - (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
- (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
- (4) Check blade mounting bolts for proper tightness at frequent intervals.
33. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
34. Look behind to make sure the area is clear before placing the transmission in reverse and continue looking behind while backing up. Disengage blades before shifting into reverse and backing up.
35. This unit should not be driven up a ramp onto a trailer or truck under power, because the unit could tip over, causing serious personal injury. The unit must be pushed manually to load properly.
36. Check brake operation frequently. Adjust and service according to brake adjustment instructions in this manual.

ASSEMBLY

 **IMPORTANT:** This unit is shipped **WITHOUT GASOLINE or OIL**; however, a small amount of oil may be present from the factory. Do not overfill. After assembly, service engine with gasoline and oil as instructed in the separate engine manual packed with your unit.

 **NOTE:** Reference to right or left hand side of the unit is observed from the driver's seat, facing forward. Refer to the separate deck manual for information concerning the deck.

UNPACKING

Remove the carton from the tractor as follows. Cut and remove the bands around the carton. Open the top flaps and remove all carton inserts. Lift the carton off the tractor. Move the tractor off the skid. Make certain all parts and literature have been removed from the carton before the carton is discarded.

BATTERY INFORMATION



WARNING

- A. Battery acid must be handled with great care as contact with it can burn and blister the skin. It is also advisable to wear protective clothing (goggles, rubber gloves and apron) when working with it.*
 - B. Should battery acid accidentally splatter into the eyes or onto the face, rinse the affected area immediately with clean, cold water. If there is any further discomfort, seek prompt medical attention.
 - C. If acid spills on clothing, first dilute it with clean water, then neutralize with a solution of ammonia/water or baking soda/water.
 - D. Since battery acid is corrosive, do not pour it into any sink or drain. Before discarding empty electrolyte containers, rinse them with a neutralizing solution.
 - E. NEVER connect or disconnect charger clips to battery while charger is turned on as it can cause sparks.
 - F. Keep all lighted materials (cigarettes, matches, lighters) away from the battery as the hydrogen gas generated during charging can be combustible.
 - G. As a further precaution, only charge the battery in a well-ventilated area.
- *Always shield eyes, protect skin and clothing when working near batteries.**

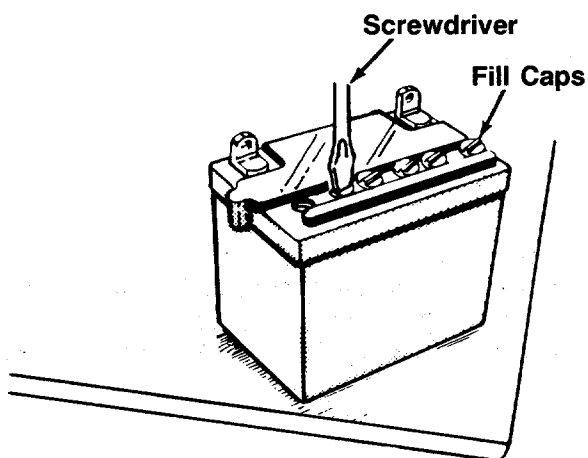


FIGURE 1.

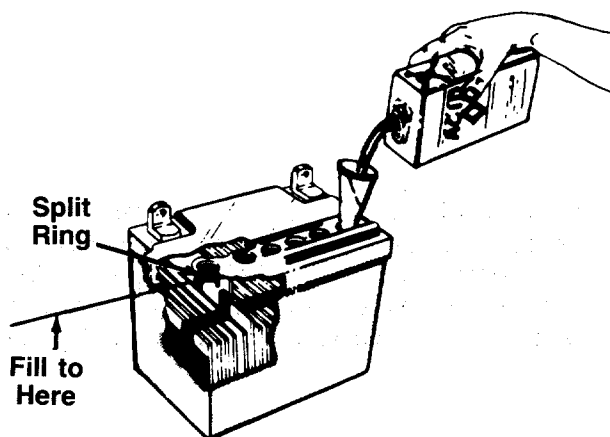


FIGURE 2.



DANGER

Battery contains sulfuric acid. Refer to warning on page 6. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Seek prompt medical attention. EYES: Flush with cool water for at least 15 minutes, then seek immediate medical attention.

Since batteries produce explosive gases, keep all lighted materials (cigarettes, lighters, matches, etc.) away. Be sure to charge battery only in well-ventilated areas.

**KEEP BATTERIES
OUT OF THE REACH OF CHILDREN!**

ACTIVATING THE BATTERY

Do not activate battery (fill with battery acid) until battery is actually placed in service. Be certain to read previous warnings before activating the battery.

1. Open the battery pack. Be careful not to puncture the box. It contains the battery, battery fluid (acid) in a cardboard container and one cone.
2. Place the battery on a table or workbench.
3. Remove the six fill caps from the top of the battery with a screwdriver. Be careful not to damage the fill caps. See figure 1.
4. Cut off the tip of the cone for use as a funnel.
5. Place the battery fluid container upright on the table or workbench. Carefully remove the flap on the box, and pull out the plastic tube. Cut off the tip of the plastic tube. Do not squeeze the container when cutting the tip.
6. Fill each battery cell slowly and carefully to the split ring at the bottom of the well. See figure 2. Use caution as the acid level will rise rapidly after the bottom of the cell is filled. **DO NOT OVERFILL.**
7. Allow battery to stand for 30 minutes with the fill caps removed, while the plates absorb acid.
8. If acid level has fallen after the 30 minute standing period, refill each cell with battery acid to the split ring. Replace the fill caps.
9. Before discarding the empty container, neutralize any residue with baking soda and rinse container with water. Puncture container several times before discarding.
10. Charge the battery after the 30 minute standing period. **SLOW CHARGE THE BATTERY (DO NOT FAST CHARGE)** at a maximum bench rate of 5 amperes until the specific gravity reading is 1.265 (approximately 30 minutes).

NOTE: This engine is equipped with an alternator. The current for the battery charger alternator is unregulated. During normal operation, it is only necessary to charge the battery:

1. When it is activated for the first time.
2. Before winter storage.
3. Before using the tractor after winter storage.

NOTE: Charging rate after battery has been put into operation—the battery is to be charged for a period of 14-16 hours. **NO LONGER THAN 30 HOURS.**

After battery has been charged, add only distilled water. Do not add acid.

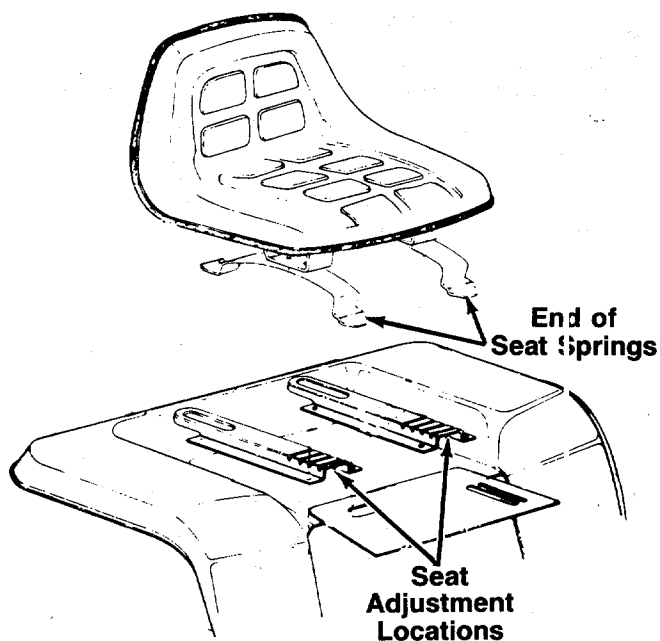


FIGURE 3.

SEAT ASSEMBLY

1. Install the tractor seat in one of the four positions. To change positions, tip the seat all the way forward and lift it out of the slots on each side. See figure 3.

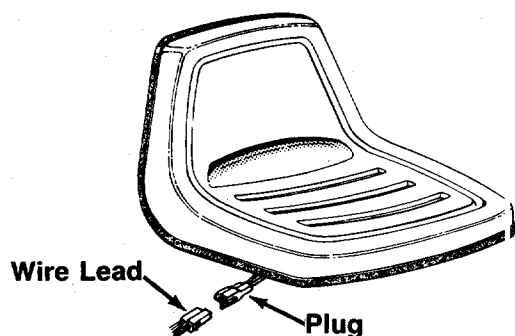


FIGURE 4.

2. Plug the wire lead which is in the wire harness beneath the seat into the plug on the wire lead extending from the right hand side of the seat. Make certain to route the wire so the wire is not pinched when raising and lowering the seat. See figure 4.

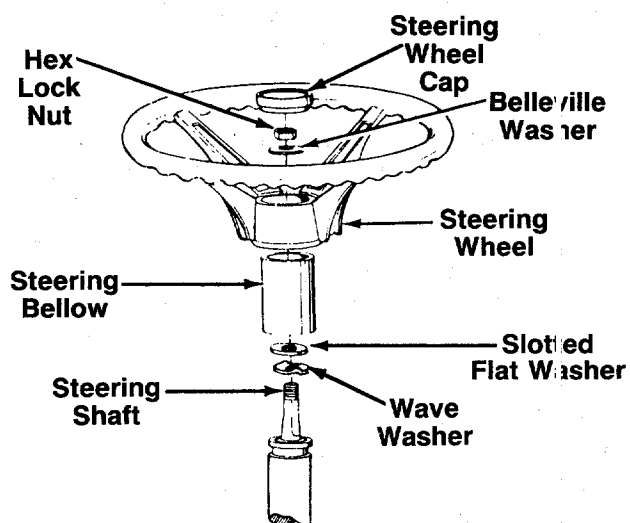


FIGURE 5.

STEERING WHEEL INSTALLATION (See Figure 5)

1. Place the wave washer over the steering shaft.
2. Place the slotted flat washer over the steering shaft.
3. Attach one end of the steering bellow to the steering wheel.
4. Position the front wheels of the tractor so they are pointing straight forward.
5. Place the steering wheel (with steering bellow attached) over the steering shaft extending through the dash, positioning steering wheel as desired.
6. Place the washer with the cupped side down over the steering shaft. Secure with 5/16" hex lock nut. See figure 5.
7. Place the steering wheel cap over the center of the steering wheel and seat it with your hand.

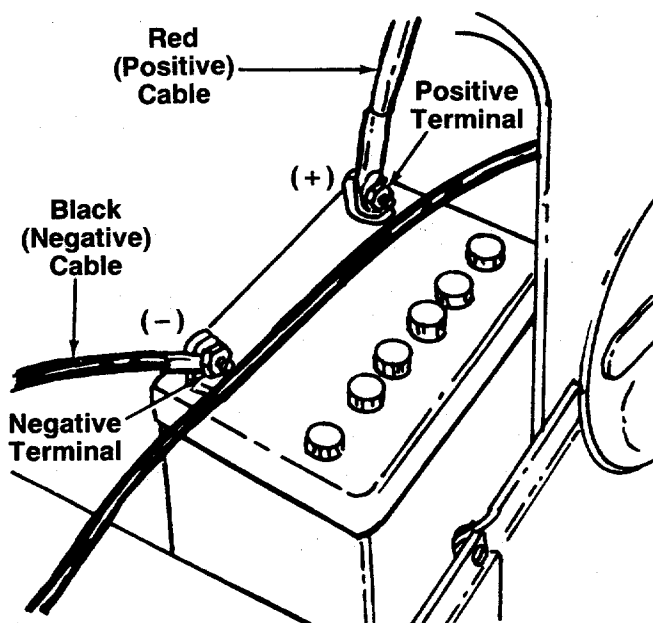


FIGURE 6.

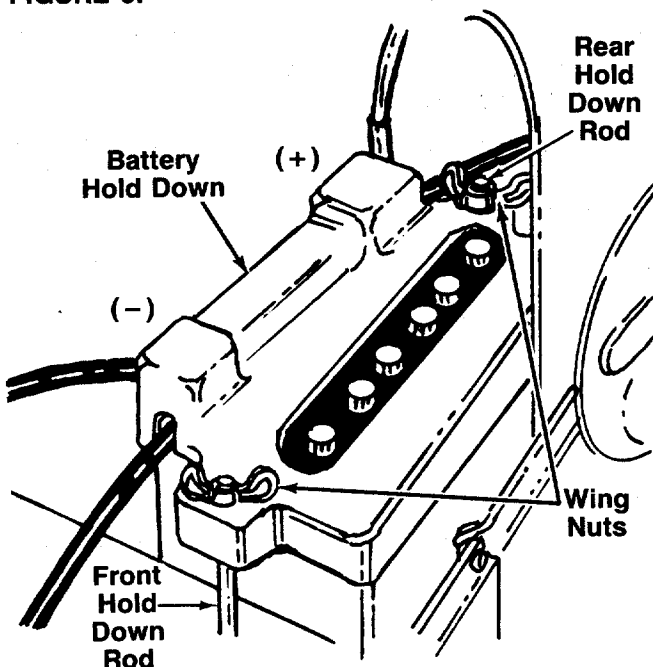


FIGURE 7.

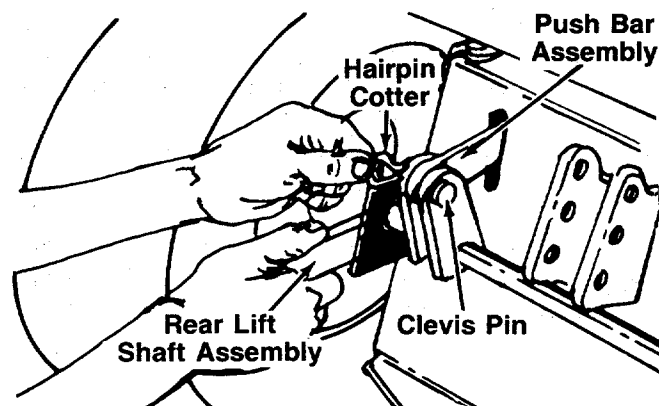


FIGURE 8.

INSTALLING THE BATTERY

NOTE: The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (-).

1. Raise the hood and hook one hold-down rod into the hole at the rear of battery plate.
2. Place the battery on the battery plate with the positive battery terminal (+) towards the rear of the tractor.
3. Attach the positive cable (heavy red wire) to the positive battery terminal (+) with hex bolt and hex nut provided with battery. See figure 6.
4. Attach the negative cable (heavy black wire) to the negative battery terminal (-) with the other hex bolt and hex nut.

5. Place the black plastic battery cover in position over the hold-down rod. Secure with wing nut.
6. Attach other hold-down rod to the other side of battery cover in the same manner. See figure 7.

THREE POINT HITCH ASSEMBLY

The three point hitch is needed for the rotary tiller, disc, cultivator and moldboard plow. To use the mowing deck, snow thrower or snow blade, it is not necessary to install the three point hitch.

1. Raise the lift shaft assembly until the hole lines up with the slot in the push bar assembly. See figure 8.
2. Secure with clevis pin and hairpin cotter provided in the hardware pack.
3. Assemble the two draft bars to the link clevis pins in the frame of the tractor with two hairpin cotters.

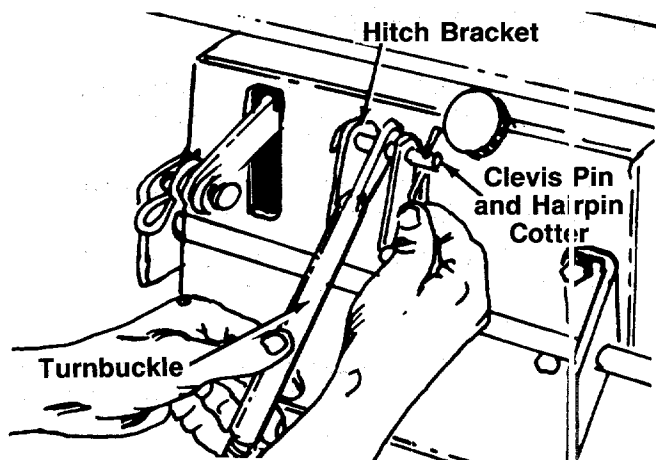


FIGURE 9.

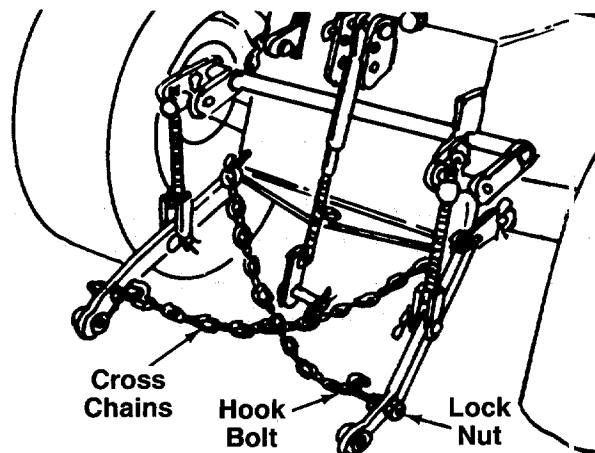


FIGURE 10.

NOTE: Refer to figure 11 to determine right and left hand draft bars.

4. Thread the ferrule onto the clevis screw until approximately a half inch of thread is showing above the ferrule.
5. Attach the ferrules to the rear lift shaft assembly and secure with two hairpin cotters.
6. Attach the lower end of the clevis screw to the draft bars with the two clevis pins and hairpin cotters.
7. Screw the two halves of the center turnbuckle together. Attach either end to any hole in the hitch bracket mounted in the center of the rear frame of the tractor with a clevis pin and hairpin cotter.

← See figure 9.

8. Screw one hex nut all the way on to each of the hook bolts.
9. Insert the hook bolt through the inside of the draft bars. Secure with a second nut. Do not tighten.
10. Fasten the chains to the hooks welded on the draft bars. Cross the chains over and attach to the opposite hook bolts. See figure 10.
11. Tighten the outside nuts on the hook bolts until there is approximately one inch of play in the center of the chains.

←

NOTE: Pull the chains to make them as tight as possible.

FINAL ASSEMBLY

Make certain all nuts and bolts are tightened securely.

TIRE PRESSURE

The tires on your unit may be over-inflated for shipping purposes. Reduce the tire pressure before operating the unit. Recommended operating tire pressure is approximately 12 p.s.i. (check sidewall of tire for tire manufacturer's recommended pressure).



WARNING: Maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

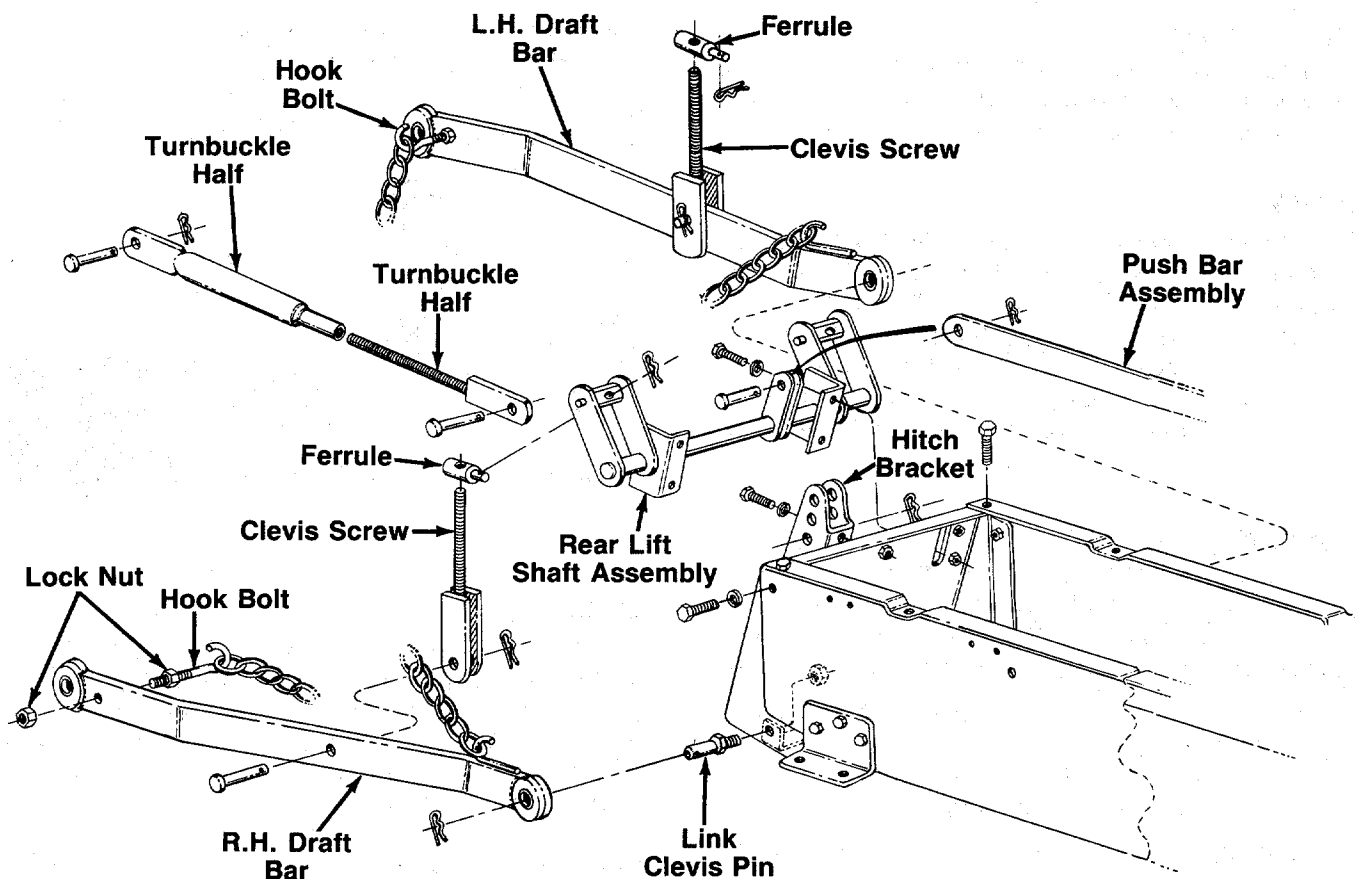


FIGURE 11.

CONTROLS

THROTTLE CONTROL

The throttle control is located on the right side of the dashboard and is used to regulate the engine speed. See figure 12. The engine should be operated from 3/4 to full throttle "FAST" when operating any equipment that uses the tractor engine as a source of power such as the cutting deck, snow thrower or rotary tiller.

CHOKE CONTROL

The choke control is located on the left side of the dashboard and is operated manually. Details for the choke operation are covered in the separate engine manual packed with your unit. See figure 12.

IGNITION SWITCH

The ignition switch is located on the left side of the dashboard. Turn the key to the START position to start the engine. When the engine is running, leave the key in the ON position. To stop the engine, turn the key to the OFF position. See figure 12.



WARNING: Remove the key from the tractor when the tractor is not in use to prevent accidental starting.

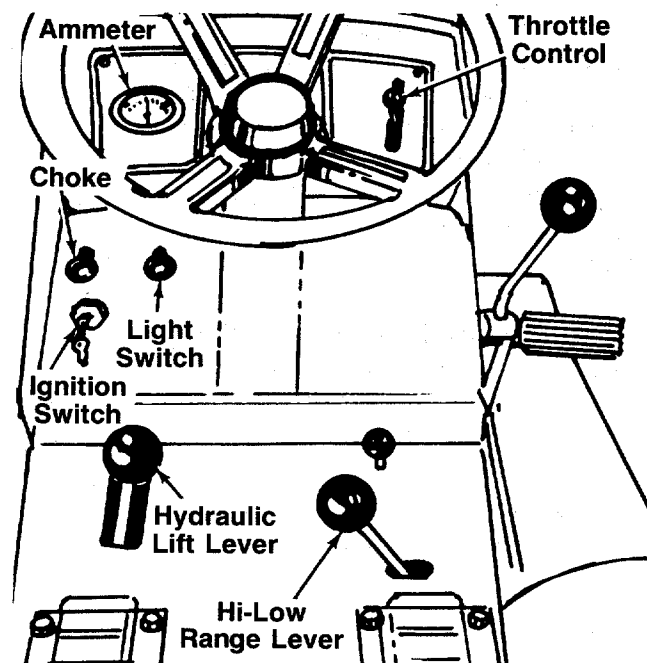


FIGURE 12.

LIGHT SWITCH

The head lamps are operated by pushing the light switch located on the dashboard. The head lamps will only operate when the engine is running. See figure 12.

AMMETER

The ammeter registers the rate of battery charge or discharge. The ammeter will register on the discharging side when starting the engine. It should register on the opposite side (charging) when the engine is running in the fast position until the battery is completely charged. With a fully charged battery or with the engine idling, the ammeter will not show a charge. See figure 12.

HIGH/LOW AXLE RANGE

Your tractor is equipped with a two speed rear axle for greater versatility. See figure 12. The LOW range is used when operating the rotary tiller, moldboard plow and should also be used when extra power is required.

HIGH range operation is for normal loads, grass cutting and normal use.

LOW Range (0-4 mph)

HIGH Range (0-8 mph)

The Axle Range Lever must be in either the HIGH or LOW range position. The tractor will not move if it is in the center position.

NOTE: When pushing the tractor by hand with the engine shut off, place the Axle Range Lever between the HIGH and LOW position. The hydrostatic pump will not rotate and the tractor will be easier to push.

HYDRAULIC LIFT LEVER

The hydraulic lift lever is used to raise or lower all of the tractor attachments. Move the lever forward to lower the attachment. Move the lever backwards to raise the attachment. See figure 12.

Located next to the hydraulic lift lever is the lift indicator that registers the approximate position of the attachments.

POWER TAKE-OFF OPERATION (PTO)

There are two PTO locations. The front PTO operates the snow blower. The rear PTO operates the rotary mower and rotary tiller.

The PTO is operated by the PTO lever, located on the right side of the tractor. See figure 13. When the PTO lever is forward, the PTO is engaged.

Be sure dust cap is installed on front PTO when snow blower is not in use.

NOTE: The PTO lever **must** be in the disengaged position (back) when starting the engine, when shifting into reverse and if the operator leaves the seat.

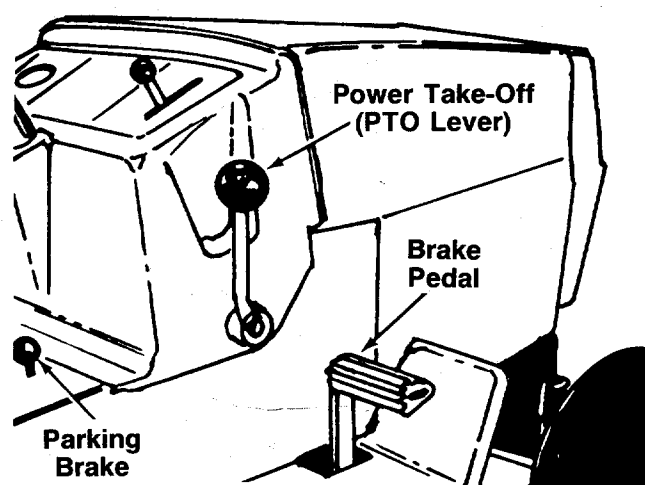


FIGURE 13.

BRAKE PEDAL

The brake pedal is located on the right side of the tractor. Depressing the brake pedal operates the brake. It is used for emergency stopping only. When you depress the brake pedal, the control lever will return close to the NEUTRAL position. The control lever is used for normal stopping. See figure 14.

NOTE: The brake pedal **must** be depressed to start the engine.

PARKING BRAKE

To set the parking brake, depress the brake pedal and lift up the parking knob. Slowly release the brake pedal until it holds the parking brake knob in the up position. To release the parking brake, depress the brake pedal. See figure 13.

NOTE: The parking brake must be set if the operator leaves the seat with the engine running.

CONTROL LEVER (Hydrostatic)

The control lever is used to regulate the ground speed of the tractor. Moving the control lever to its extreme position makes the tractor travel faster. Moving the control lever forward (F) moves the tractor forward. Moving the control lever backwards (R) reverses the tractor. See figure 14.

To increase rear wheel torque (pulling power), move the control lever towards the NEUTRAL position. The tractor responds similar to shifting to a lower gear with a gear type transmission.

The control lever is used for normal slowing down and stopping by moving the control lever towards NEUTRAL (N). Additional braking may be obtained by moving the control lever gradually in the opposite direction of travel. The control lever is especially useful when rotary tilling hard or rough ground.

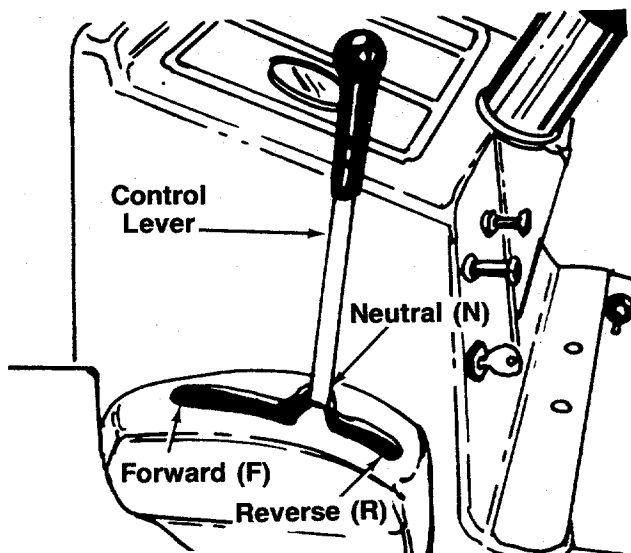


FIGURE 14.

OPERATION

CAUTION

- READ OPERATOR'S MANUAL(S) • NEVER CARRY CHILDREN
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS
- KEEP SAFETY DEVICES (GUARDS, SHIELDS AND SWITCHES) IN PLACE AND WORKING
- REMOVE OBJECTS THAT COULD BE THROWN BY BLADE(S)
- DO NOT OPERATE THE UNIT WHEN CHILDREN AND OTHERS ARE AROUND
- ALWAYS LOOK BEHIND THE UNIT BEFORE BACKING UP
- DO NOT OPERATE THE UNIT WHERE IT COULD SLIP OR TIP
- IF THE UNIT STOPS GOING UPHILL, STOP BLADE(S) AND BACK SLOWLY DOWNHILL
- BE SURE BLADE(S) AND ENGINE ARE STOPPED BEFORE PLACING HANDS OR FEET NEAR BLADE(S)
- BEFORE LEAVING OPERATOR'S POSITION, DISENGAGE THE BLADE(S), PLACE THE SHIFT LEVER IN NEUTRAL, ENGAGE THE PARKING BRAKE, SHUT ENGINE OFF AND REMOVE THE KEY.

GAS AND OIL FILL-UP

Service the engine with gasoline and oil as instructed in the separate engine manual packed with your tractor. Read instructions carefully.

The gasoline tank is located under the hood. Do not overfill.

NOTE: Your tractor is shipped without oil; however, a small amount of oil may be present from the factory. Do not overfill.

Check the oil level in the hydrostatic transmission. Refer to Lubrication section on page 17.



WARNING: Never fill fuel tank indoors, with engine running or while engine is hot.

STARTING THE ENGINE

IMPORTANT: This unit is equipped with a **safety interlock system** for your protection. The purpose of the safety interlock system is to prevent the engine from cranking or starting unless the brake pedal is depressed and the PTO lever is in the disengaged position. In addition, the PTO lever must be in the disengaged position when the unit is put into reverse or the engine will shut off. If the operator leaves the seat with the PTO lever engaged and/or without setting the parking brake, the engine will shut off.



WARNING: Do not operate the tractor if the interlock system is malfunctioning because it is a safety device, designed for protection.

1. Place the PTO lever in the disengaged (back) position.
2. Set the High/Low Range Lever in either the high or low range.
3. Depress the brake pedal and set the parking brake.
4. Place the shift lever in the NEUTRAL position.
5. Set the throttle control in the FAST position.
6. Pull out the choke control (a warm engine may not require choking).
7. Turn the ignition key to the right to the START position. After the engine starts, release the key. It will return to the ON position.
8. Slowly push in the choke as the engine warms up.

STOPPING THE ENGINE

Turn the ignition key to the left to the OFF position. Remove the key to prevent accidental starting.

IMPORTANT: If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the unit for any damage, and repair the damage before restarting and operating the mower.

NOTE: If any problems are encountered, refer to the Trouble Shooting Chart on page 22.

OPERATING THE TRACTOR

1. Start the engine as instructed previously.
2. Move throttle control to $\frac{3}{4}$ or full throttle to prevent strain on the engine and to operate attachments.
3. Release the parking brake by depressing the brake pedal. Release brake pedal and move the hydrostatic control lever into either the forward or reverse position.



WARNING: Look to the rear before backing up.

4. The brake pedal is used for emergency stopping only. Use the control lever to stop normally. When the brake pedal is depressed, the control lever will return close to the NEUTRAL position so the tractor brake will stop the tractor. However, the tractor may creep either forward or backward when the brake pedal is released.
5. The cutting blades (or other attachment) may be engaged while the tractor is moving or standing still. DO NOT engage the cutting blades abruptly, which may cause the engine to stall.



WARNING: Keep feet and hands away from the discharge opening, the blades or any part of the deck.

Be sure that the lawn is clear of stones, sticks, wire, or other objects which could damage tractor or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.



WARNING: Before leaving the operator's position for any reason, disengage the blades, place the shift lever in neutral, engage the parking brake, shut engine off and remove the key.

NO

When stopping the unit to empty a grass bag, etc., follow the instructions above. This procedure will also eliminate "browning" the grass, which is caused by hot exhaust gases from a running engine.

ADJUSTMENT OF UNDERCARRIAGE

When using any of the rear mounted attachments such as the rotary tiller or moldboard plow, the undercarriage must be locked in the raised position. See "Undercarriage Locks" in the Adjustment section of this manual for instructions.

NO WAY!

GRASS CATCHER AVAILABLE

GRASS CATCHER Model 190-015 is available as optional equipment.



WARNING: The mower should not be operated without the entire grass catcher or chute deflector in place.

NOTE: Under normal usage bag material is subject to wear, and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag.

ADJUSTMENTS

NEUTRAL ADJUSTMENT FOR THE HYDROSTATIC CONTROL LEVER (See Figure 15)



WARNING: Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

If the hydrostatic control lever does not return to the neutral notch on the hydrostatic control lever guide when the brake pedal is depressed (see figure 14) make the following adjustment:

1. Loosen the shoulder bolt and nut on the neutral control slide.
2. Depress the brake pedal and set the parking brake.
3. Move the hydrostatic control lever into the neutral notch.
4. Tighten the shoulder bolt and nut on the neutral control slide.

NOTE: If the tractor creeps while the hydrostatic control lever is in NEUTRAL, the controls at the hydrostatic transmission must be adjusted.

HYDROSTATIC TRANSMISSION CONTROL ADJUSTMENT

1. Block the rear of the tractor up so both rear wheels are off the ground.
2. Remove the ball joint hex nut and lock washer from the control handle assembly. See figure 15.
3. Loosen the hex jam nut on the tie rod at the front ball joint.
4. Loosen (do not remove) the two hex screws holding the support channel to the cam plate.
5. Move the cam plate forward or backward until the alignment hole in the slide mounting plate and cam plate line up.

NOTE: Use a 5/16" bolt or rod through the alignment holes in the cam plate and slide mounting plate.

6. Start the engine and run at idle.
7. Tighten the two hex screws in the support channel.
8. Shut off the engine.
9. Set the parking brake.
10. Adjust the ball joint on the tie rod until it lines up exactly with the hole in the control handle assembly. Secure with the lock washer and hex nut.
11. Tighten the hex jam nut on the tie rod at the ball joint.
12. Remove 5/16" bolt on rod from alignment hole in cam plate.

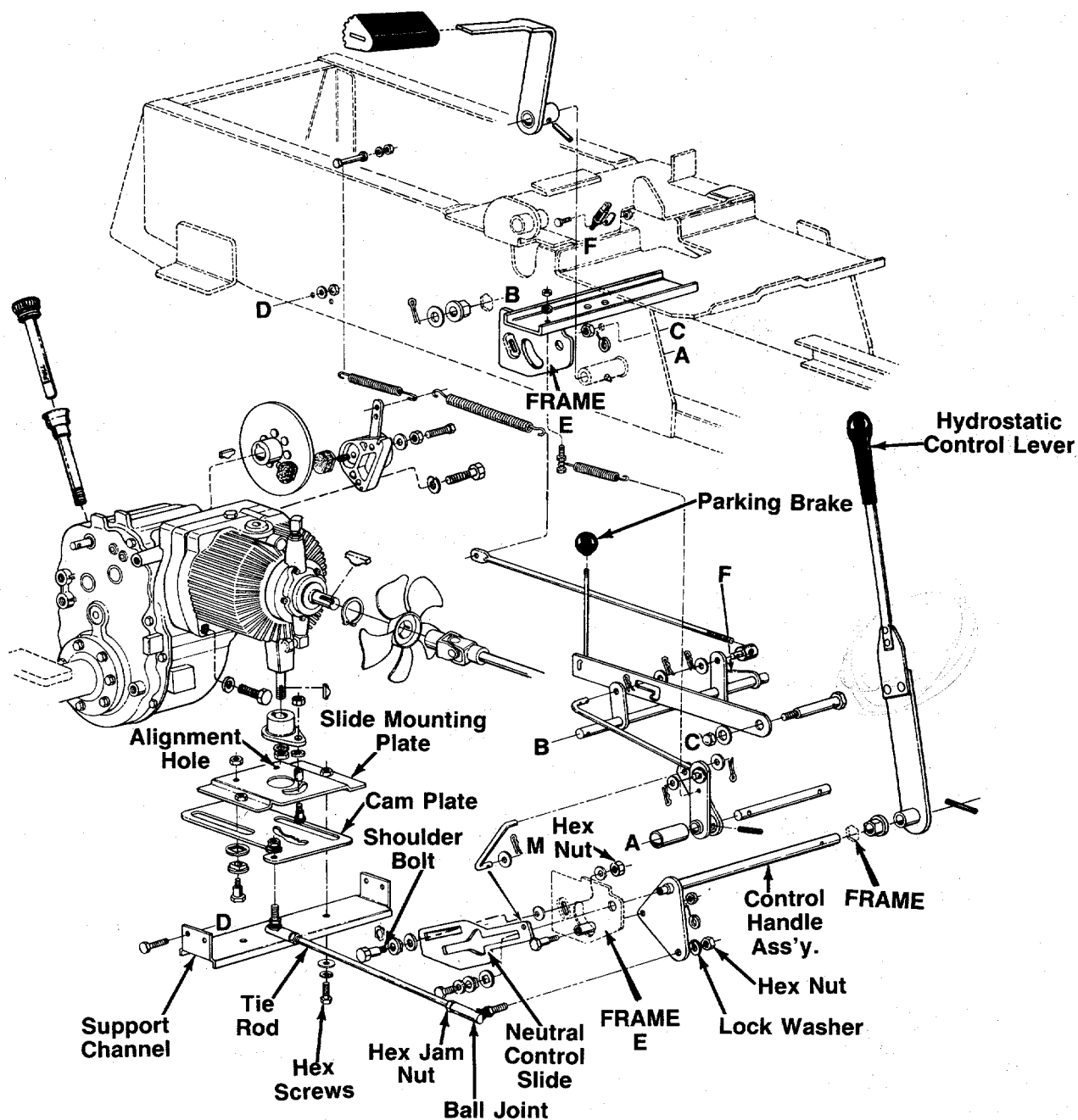


FIGURE 15.

REAR WHEEL TRACK ADJUSTMENT

The rear wheels may be adjusted wider for more stability by reversing the wheels and rims on the hubs.

With the rear wheels in the narrow position, their outside is even with the outside of the front wheels. With the rear wheels in the wide position, their inside is even with the outside of the front wheels.

Use this chart to determine the rear wheel setting.

ATTACHMENT

50" Mowing Deck	190-993	N
12" Moldboard Plow	190-920	W/N
Tandem Disc Harrow	190-921	N
Spring Tooth Cult.	190-922	N
54" Snow Blade	190-985	N
45" Snow Thrower	190-990	N
38" Rotary Tiller	190-960	N
N—Narrow W—Wide		

Rear Wheel Chains	190-965
75 pound (each) Wheel Weights	190-784

HYDRAULIC LIFT VALVE ADJUSTMENT

The valve is located under the left side of the tractor frame under the hydraulic lift lever. See figure 16.

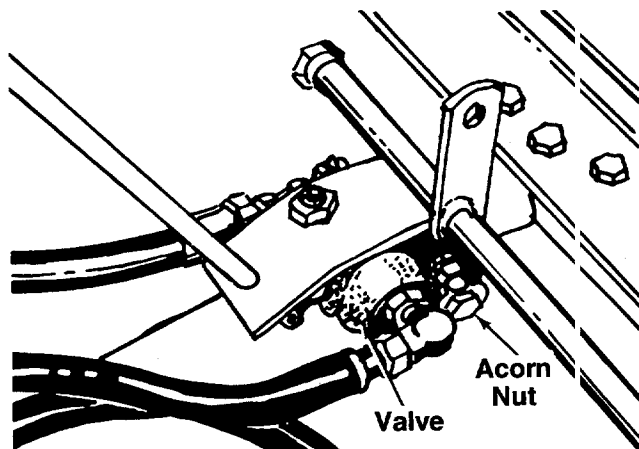


FIGURE 16.

The hydraulic lift valve is adjustable. Before making adjustments to the valve, be sure the engine is running at a maximum speed of 3600 RPM. If the hydraulic lift will not raise your attachments, especially the heavier ones, you can increase the pressure. The equipment being used should be attached to the tractor while adjusting the lift valve.

1. Remove the acorn nut and washer. See figure 17.

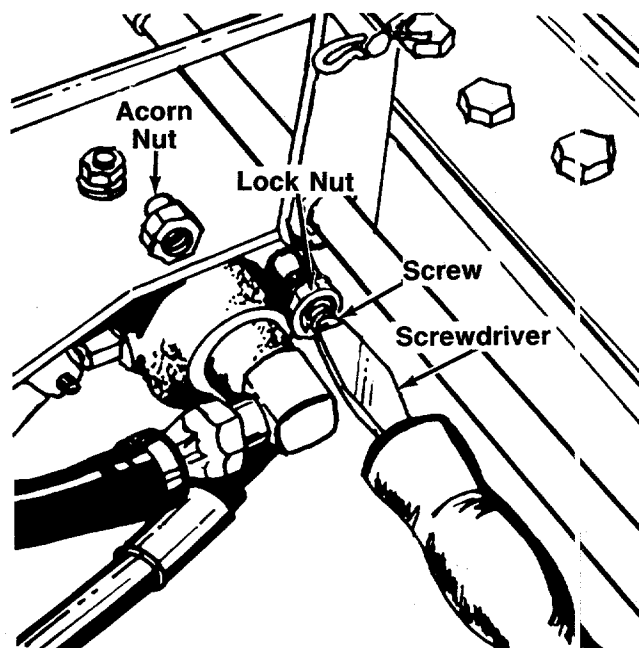


FIGURE 17.

2. Back off the lock nut at least three complete turns.
3. Turn the screw one complete turn in.
4. Tighten the lock nut.
5. Reassemble acorn nut and tighten.

6. Test the operation of the lift valve with the attachment on the tractor and the tractor engine running at full throttle.

7. If necessary, repeat the above steps.

If a pressure gauge is used, insert a "T" fitting between the charge pump on the hydrostatic transmission and the valve. Use a 1000 p.s.i. pressure gauge.

1. Start the engine and run at full throttle.
2. Check the engine speed with a tachometer. Engine should be running at 3500 to 3600 RPM.
3. Move the hydraulic lift lever all the way either direction and hold it until the relief valve opens. The gauge should read 700 p.s.i.
4. If necessary, adjust relief valve as described above.

BRAKE ADJUSTMENT

During normal operation of this machine, the brakes are subject to wear and will require periodic examination and adjustment.



WARNING: Do not adjust the brake while the engine is running. Be sure to block the wheels of the tractor before making the brake adjustment.

The brake is located on the left side of the transaxle. The adjustment access hole is above the left rear axle mounting bracket. See figure 18.

To adjust:

1. Loosen the lock nut with an 11/16" wrench.
2. With a 7/16" socket and extension, tighten the center bolt until the pads are pushed against brake disc.
3. Back off the center bolt one half turn and tighten the lock nut.
4. Test the brake operation.

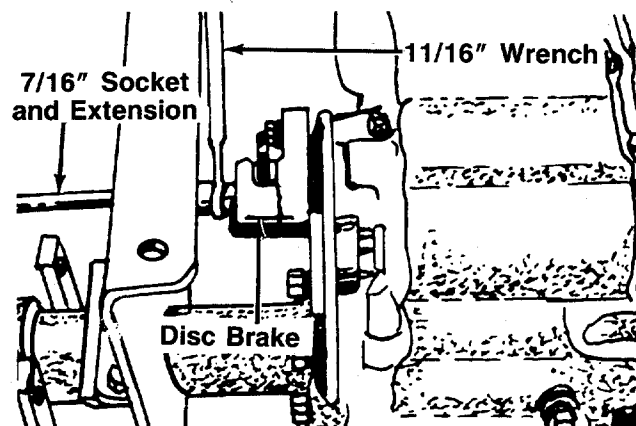


FIGURE 18.

UNDERCARRIAGE LOCKS

The maximum down position can be set on the undercarriage for the mowing deck. See figure 19. There are six positions. This adjustment should be used with the deck roller adjustment so the mowing deck is always cutting parallel to the ground. To change the locks, remove the hairpin cotter, clevis pin and spacer and install in the desired hole. Both locks must be adjusted in the same position.

When setting the cutting height, lower the deck with the hydraulic lift until the undercarriage bottoms out against the locks.

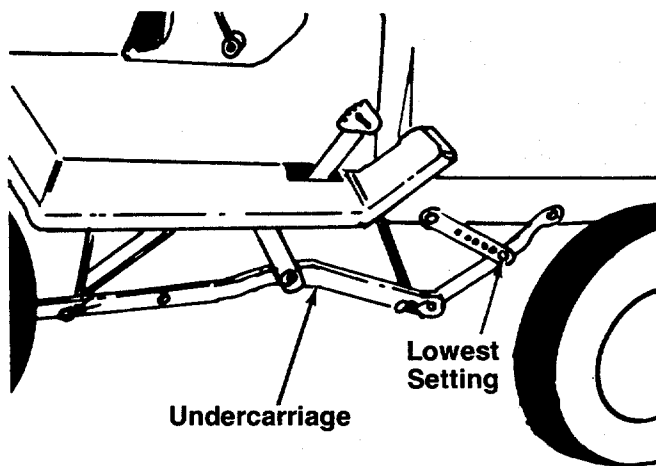


FIGURE 19.

The undercarriage locks are also used to hold the undercarriage in the completely raised position when using any of the rear mounted attachments or to prevent the undercarriage from moving up and down. See figure 20.

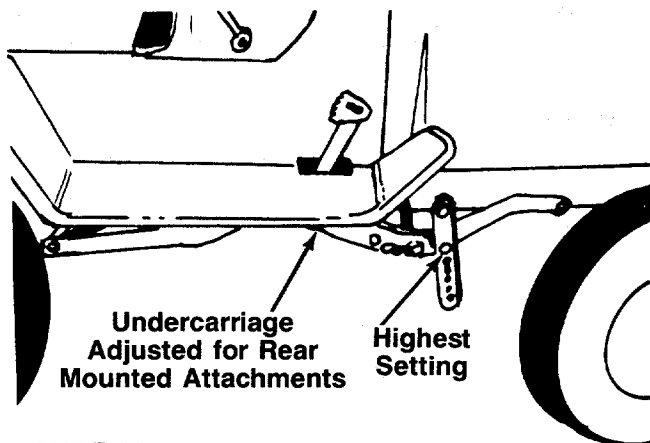


FIGURE 20.

CARBURETOR ADJUSTMENT



WARNING: If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load. To adjust the carburetor refer to the separate engine manual packed with your tractor.

NOTE: A dirty air cleaner will cause an engine to run rough. Be certain air cleaner is clean and attached to the carburetor before adjusting carburetor.

PTO ADJUSTMENT

The PTO cable can be adjusted at either end. To adjust, loosen the nut on the inside and tighten the nut on the outside to compensate for cable stretch. Adjust until the idler depresses the safety switch plunger within 1/8" of bottoming out in the switch when the PTO is in the OFF position. See figures 21 and 28.

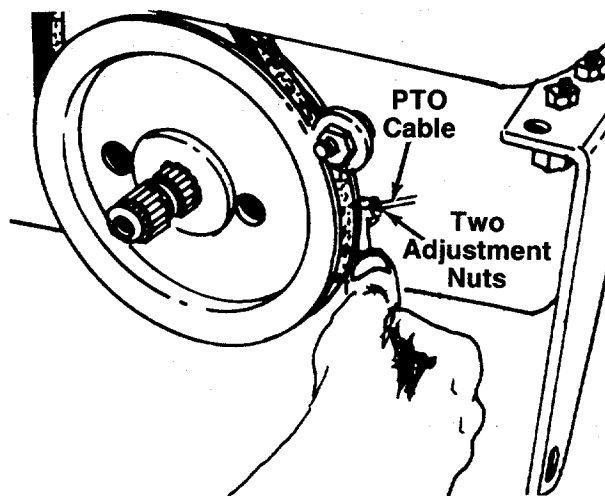


FIGURE 21.

727-0143 GREASE GUN

LUBRICATION



WARNING: Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn tractor.

HYDROSTATIC SYSTEM

The oil level for the hydrostatic transmission, transaxle and hydraulic lift system can be checked at one location. See figure 22. Check the oil level every 8 hours of operation.

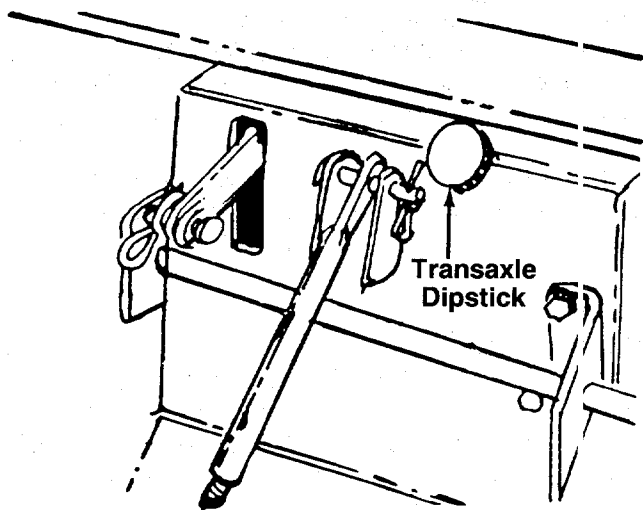


FIGURE 22.

Before checking the oil level, clean the area around the dipstick hole to prevent the entry of dirt. Unscrew the dipstick and remove. The oil level should be maintained at the FULL mark. Check oil level when the hydrostatic oil is cold.

The following fluids are recommended for use in the hydrostatic transmission.

1. Mobil Fluid 300
2. Texaco TL-2209
3. Dexron B (General Motors)
4. M2C-33F and M2B-41A (Ford Motor)
5. Hy-Tran (International Harvester)
6. 10W + Straight Viscosity—SE, CC or CD Rated Engine Oil
- **7. 20W + Straight Viscosity—SE, CC or SC Rated Engine Oil
8. 30W + Straight Viscosity—SE, CC or CD Rated Engine Oil

**Preferred.

NOTE: Never use a multi-viscosity oil.

Change oil and filter initially after twenty hours of operation (refer to next section); thereafter, change every 100 hours or once a year.

OIL FILTER

A full flow replaceable oil filter, located in the oil lines under the left side of the frame, should be replaced initially after twenty hours of operation. Thereafter, replace every 100 hours for commercial or industrial applications and yearly for normal usage. It can be removed by turning it counterclockwise by hand. Use Fram filter number PH-16; order part number 727-0162. See figure 23.

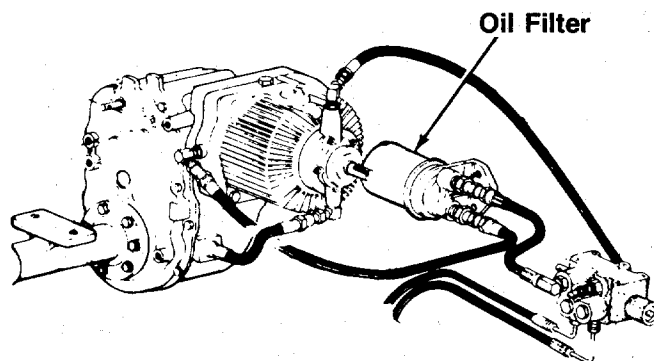


FIGURE 23.

STEERING GEARS

Wipe off old grease and dirt from steering gears. After every 25 hours of operation, place an automotive multi-purpose grease in the teeth of the segment and pinion gears. See figure 24.

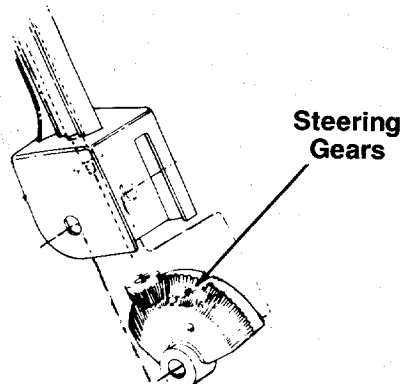


FIGURE 24.

BRAKE PEDAL

Lubricate with a grease gun after every 25 hours of operation. Use automotive multi-purpose grease.

KING PINS

Lubricate king pins with a grease gun after every 25 hours of operation (one on each side of the tractor). Use automotive multi-purpose grease. See figure 25.

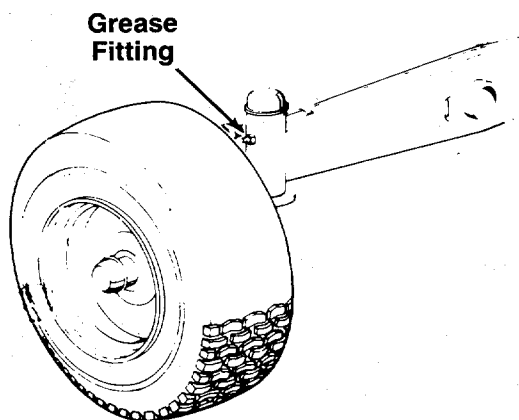


FIGURE 25.

PTO LEVER

Lubricate PTO lever with a grease gun after every 25 hours of operation. Use an automotive multi-purpose grease.

CRANKCASE OIL

Check the oil level in the crankcase before each use of the unit. Maintain the oil level at the FULL mark on the dipstick. Do not overfill. See figure 26.

Change the oil after the first 5 hours of operation and every 25 hours thereafter. Remove plug and drain oil while engine is warm. See figure 26.

Refill crankcase with quantity and type of oil as specified in separate engine manual.

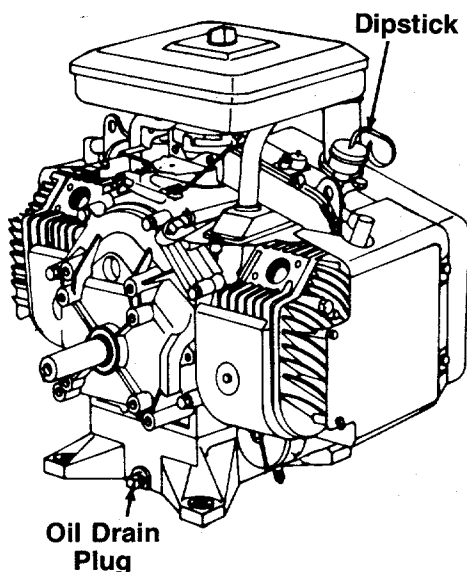


FIGURE 26.

MAINTENANCE



WARNING: Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

TROUBLE SHOOTING

Refer to the chart on page 22 for trouble shooting engine problems.

POWER TAKE-OFF (PTO) BELT REMOVAL

1. Take off the front PTO belt guard assembly by removing four hex screws. See figure 27.

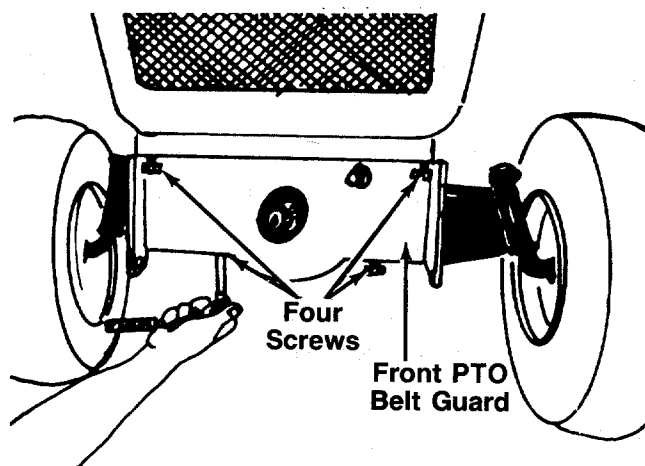


FIGURE 27.

2. Put the PTO lever in the OFF position.
3. Loosen two screws on inner belt guard. See figure 28.

NOTE: Figure 28 is shown with grille removed for clarity.

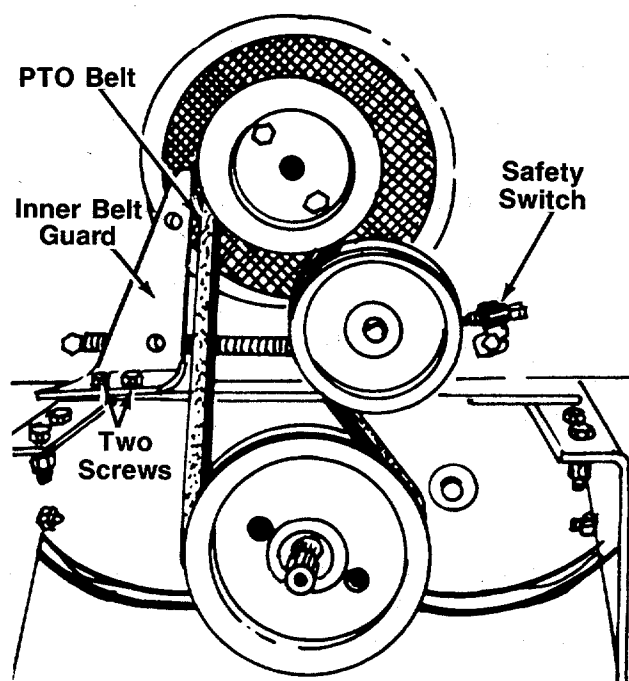


FIGURE 28.

4. Remove V-belt. Reassemble using a new O.E.M. V-belt, part number 754-0234.

WHEEL ALIGNMENT

The front wheels should toe-in approximately 1/8".

To adjust the toe-in, loosen the hex jam nut, remove the hex nut and lock washer. Lift the tie rod end out of the hole in the steering arm. Screw the tie rod ends in or out as necessary. See figure 29.

Reassemble the tie rod end after the correct alignment is made.

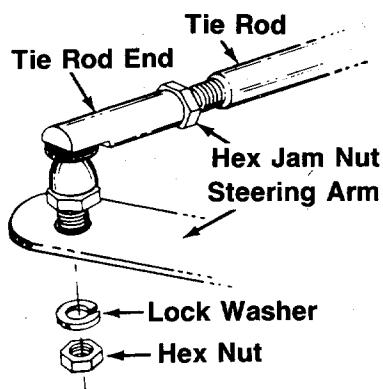


FIGURE 29.

Dimension "B" should be approximately 1/8" less than Dimension "A." See figure 30. To increase Dimension "B," screw tie rod into tie rod end. To decrease Dimension "B," unscrew tie rod from tie rod end. Reassemble tie rod. Check dimensions. Readjust if necessary.

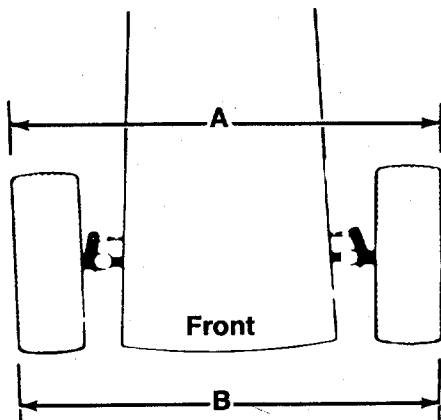


FIGURE 30.

FUEL FILTER

Your unit is equipped with a replaceable in-line fuel filter. Replace filter whenever contamination or discoloration is noticed. Order replacement filter through your authorized engine service dealer.

ENGINE

Refer to separate engine manual for all engine maintenance procedures.

SIDE PANELS

The right and left side panels can be removed for maintenance or attaching accessories. To remove, turn the four screws in the corners a 1/4 turn to the left and remove. See figure 31.

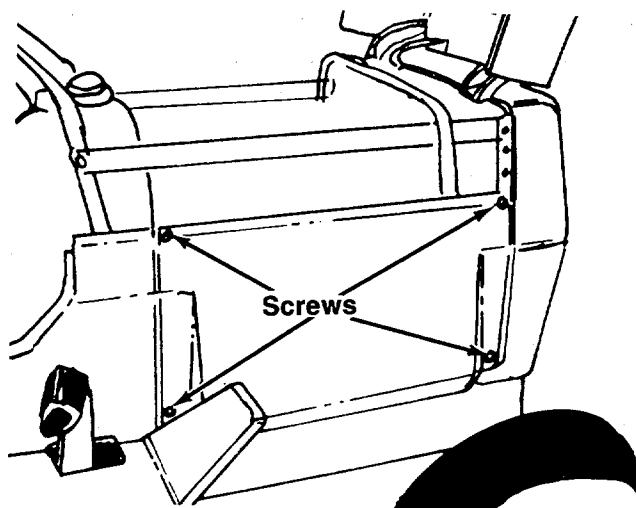


FIGURE 31.

DRIVE SHAFT REMOVAL

1. Loosen the square head set screw on the front universal joint. See figure 32.

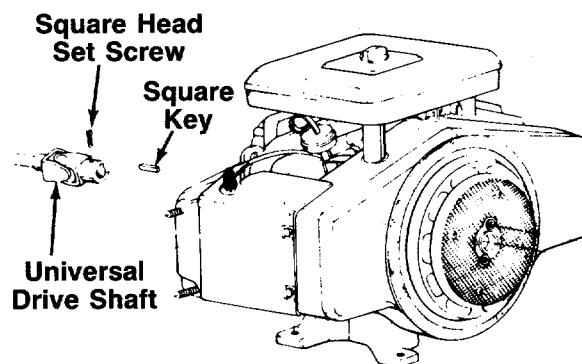


FIGURE 32.

2. Slide the drive shaft assembly forward as far as it will go. The rear universal joint can be removed from the input shaft of the hydrostatic transmission. See figure 33.
3. Remove the drive shaft assembly from the tractor.

NOTE: There is a square key at the engine crankshaft and a hi-pro key at input shaft of transmission. **Do not** lose.

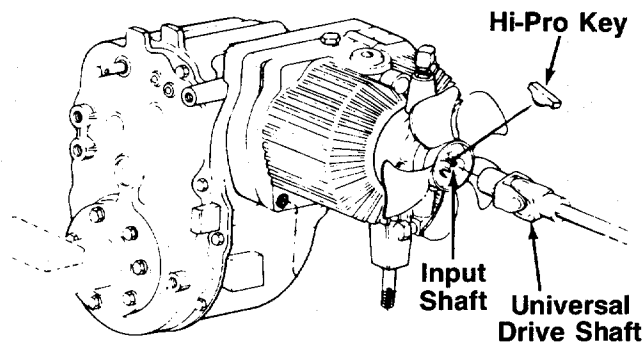


FIGURE 33.

MAINTENANCE OF BATTERY

1. Check electrolyte level periodically (at least every two weeks). Keep the level to the split rings. Use only distilled water or a good quality drinking water. Never add acid or any other chemicals to the battery after initial activation.
2. The battery should be checked with a hydrometer after every 25 hours of operation. If the specific gravity is less than 1.225, the battery should be recharged. Maximum charge rate 5 AMPS.
3. Coat the terminals and exposed wire with a thin coat of grease or petroleum jelly for longer service and protection against corrosion.
4. The battery should be kept clean. Any deposits of acid should be neutralized with soda and water. Be careful not to get this solution in the cells.
5. Avoid tipping the battery. Even a "sealed" battery will leak electrolyte when tipped.

STORAGE OF THE BATTERY

1. Charge battery using normal methods. NEVER store discharged battery as it will not recover.
2. When storing battery for extended periods, disconnect battery cables. Removing battery from unit is recommended.
3. Store in cold, dry place.
4. Recharge battery whenever the specific gravity is less than 1.225, before returning to service, or every two months, whichever occurs first.

COMMON CAUSES FOR BATTERY FAILURE

1. Overcharging
2. Undercharging
3. Lack of water
4. Loose hold downs and/or corroded connections
5. Excessive loads
6. Battery electrolyte substitutes
7. Freezing of electrolyte

NOTE: *These failures do not constitute warranty.*

BATTERY REMOVAL OR INSTALLATION



WARNING: When removing the battery, follow this order of disassembly to prevent your wrench from shorting against the frame.

1. Remove the Negative cable.
2. Remove the Positive cable.

To install a battery:

1. Attach the Positive cable.
2. Attach the Negative cable.

JUMP STARTING

1. Attach the first jumper cable from the Positive terminal of the good battery to the Positive terminal of the dead battery.
2. Attach the second jumper cable from the Negative terminal of the good battery to the FRAME OF THE UNIT WITH THE DEAD BATTERY.



WARNING: Failure to use this starting procedure could cause sparking, and the gases in either battery could explode.

TIRES

Recommended operating tire pressure is approximately 12 p.s.i. (check sidewall of tire for tire manufacturer's recommended pressure). Maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

When installing a tire to the rim, be certain rim is clean and free of rust. Lubricate both the tire and rim generously. Never inflate to over 30 p.s.i. to seat beads.



WARNING: Excessive pressure (over 30 p.s.i.) when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

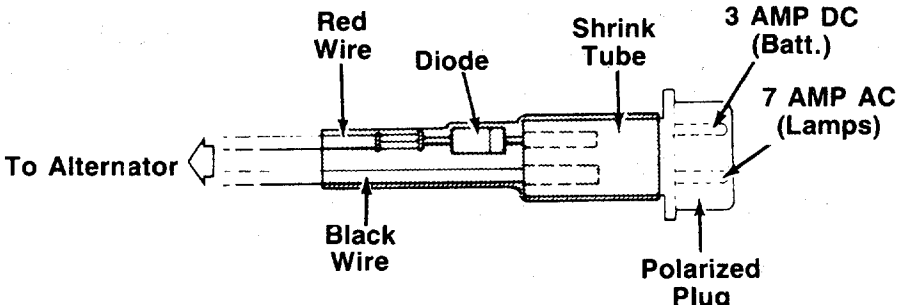
OFF-SEASON STORAGE

If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

1. Clean the engine and the entire unit thoroughly.
2. Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the surfaces.
3. Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.
4. Refer to battery storage instructions on this page.
5. Store unit in a clean, dry area.

NOTE: When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rustproof the equipment. Using a light oil or silicone, coat the equipment, especially any chains, springs, bearings and cables.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
Engine will not crank	Battery installed incorrectly	The battery must be installed with the negative terminal, identified at the terminal post by (Neg, N or -), grounded. The positive terminal (Pos, P or +) attaches to the large cable from the solenoid. The small red wire from the fuse holder or circuit breaker is also attached to the positive terminal.
	Blown fuse or circuit breaker	Replace fuse with 7½ amp. fuse ¼ x 1¼" lg. Circuit breaker will reset itself when it cools off. Fuses or circuit breakers seldom open or fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrician's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part.
	Battery is dead or weak	Use a hydrometer to check the condition of the battery. The Specific Gravity (s.g.) should be 1.265 at 80°F. (1.215 s.g. minimum needed for cranking engine). The reason for the battery failing must be determined. (1) Defective battery. Battery will not accept or hold a full charge. (2) Short circuit. Check for grounded wire. (3) Engine alternator charging system not working. The charging system is an alternator located under the flywheel. It is unregulated and rated 3 amp. at 3600 r.p.m. A diode (rectifier) is located in the output lead just before the wire harness plug on the engine side.  The diode changes A.C. to D.C. to charge the battery. A bad diode can either fail to charge the battery or discharge the battery if the alternator is shorted as well as the diode. To test: (1) Disconnect charger lead from the battery (small red wire). (2) Connect 12 V small test lamp between the 3 amp. D.C. charge lead and the positive terminal of the battery. (3) With the engine off, the lamp should not light. If it does, the diode and possibly the alternator should be replaced. (4) Start the engine. The lamp should light. If it does not, the alternator (stator) or lead wire is bad and should be replaced.
	Mechanical failure. (Wires and switches)	The interlock system includes two mechanical activated switches which are wired in series in the circuit used to energize the starter solenoid. While testing the interlock system, you will make the mower temporarily unsafe by permitting the engine to be started with the blade and clutch engaged. WARNING: While testing, disengage the clutch, shut off the blade control, set the parking brake and place the gear shift lever in neutral. Attach a wire (minimum 18 gauge) to the positive terminal of the battery and touch the other end to the small terminal on the solenoid. If the engine does not crank: (1) There is a loose connection or poor ground. (2) The solenoid may be bad. The solenoid can be checked by using a heavy wire (#8 gauge minimum) and jumping between the two large terminals. If the engine cranks, the solenoid is bad. (3) If the engine does not crank when you jump the solenoid, have the starter motor tested by an authorized engine dealer. If the engine does crank, the problem is with one of the safety switches, ignition switch or the wire between the fuse holder (or circuit breaker) and the small terminal on the solenoid. Note: Look for a poor connection at the switches or a defective switch. Replace if necessary.
Engine cranks but will not start	Throttle or choke not in starting position	Check owner's guide for correct position for throttle control and choke for starting.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
	No spark to spark plug	Spark plug lead disconnected. Connect lead. Hold spark plug lead away from engine block about 1/8". Crank engine. There should be a spark. If not, have engine repaired at local service dealer. Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground the spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not.
	No fuel to the carburetor	Gasoline tank empty. Fill. Fuel line plugged. Remove and clean.
	Air filter dirty	If the air cleaner is dirty, the engine may not start. Clean or replace as recommended in the engine section of this manual.
Engine smokes	Engine loses crankcase vacuum	Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace.
Excessive vibration	Bent or damage blade spindle	Stop engine immediately. Check all pulleys, blade spindles, blade adapters, keys and bolts for tightness and damage. Tighten or replace any damaged parts.
	Bent blade	Stop engine immediately. Replace damaged blade. Only use original equipment blades.
Mower will not discharge grass or leaves uncut strips	Engine speed low Transmission selection Blades short or dull	Throttle must be set between 3/4 and full throttle. Use lower transmission gear. The slower your ground speed, the better the quality of cut. Sharpen or replace blades (uncut strip problem only).

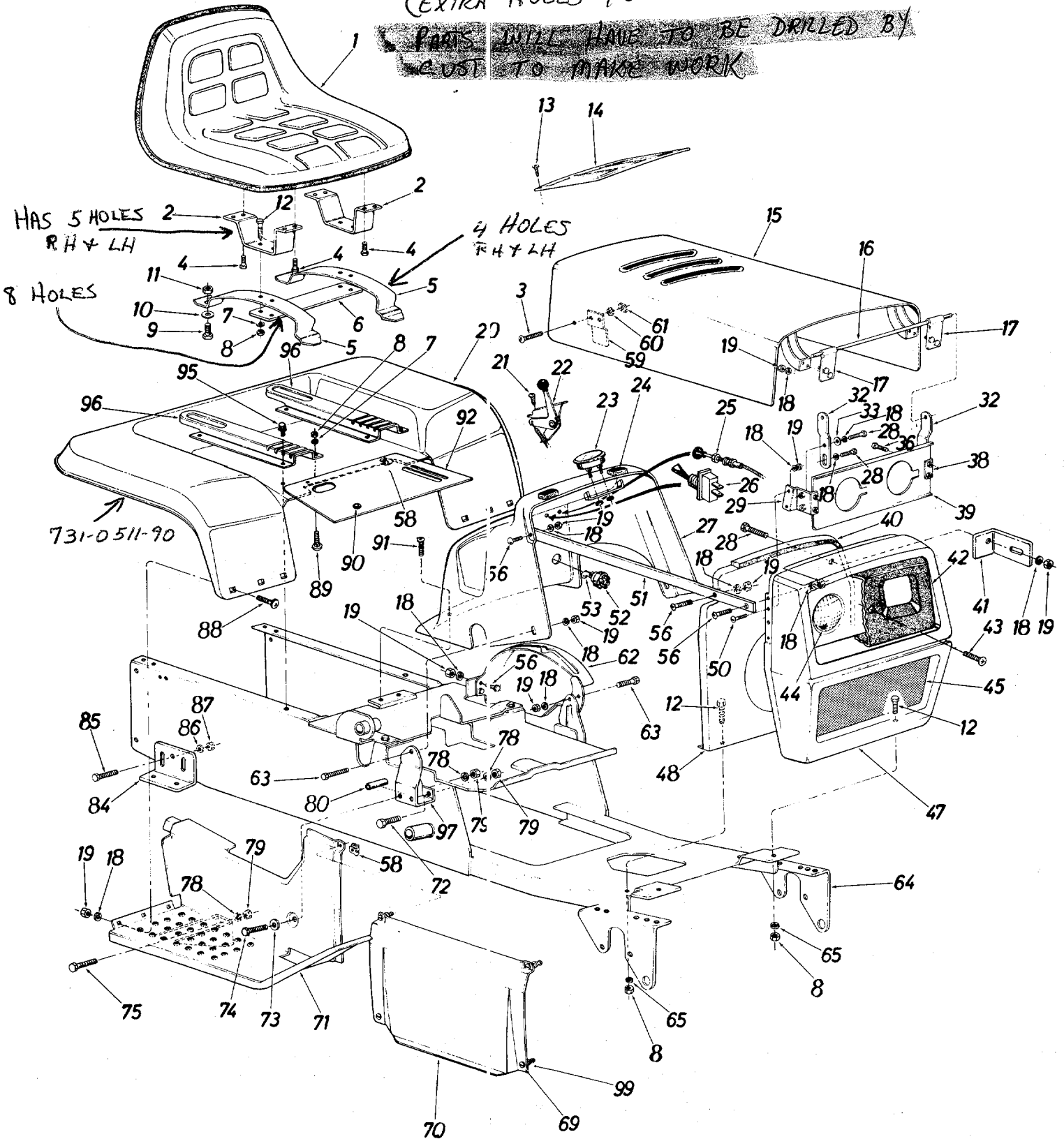
HYDROSTATIC TRANSMISSION TROUBLE SHOOTING

No output torque (power) in either direction, cold start.	1. Recheck relief valve position, control linkage, input drive. 2. Oil level in reservoir low. 3. Broken control shaft dowel pin. Transmission must be repaired or replaced.
Loss of output torque, continuous load.	1. Operating at conditions approaching hydraulic stall. The transmission fluid has exceeded 180° F. 2. Internal leakage due to wear. Transmission should be repaired or replaced. 3. Water in transmission fluid. Purge system of all fluid and replace with new transmission fluid. Replacement of the transmission is generally not necessary.
No output torque in one direction.	1. One of the directional valves is stuck. Transmission should be repaired or replaced. 2. Low oil level.
Tractor cannot be pushed with engine off.	1. Relief valve control not set. 2. Relief valve travel not adjusted. 3. Motor piston or rotor seized. Transmission must be repaired or replaced.
No neutral.	Recheck linkage. Loose linkage creates an adjustment problem. Note: The hydraulic neutral band is very narrow. Deflection in the linkage may make it difficult to obtain neutral from both directions. It is recommended that neutral should be positive from forward drive.
Oil leakage at the control shaft seal.	1. Spillage when fluid has been added to the reservoir. 2. Spillage at the vent in the reservoir at operating temperatures due to cold level being too high or water in the fluid. Reduce fluid level or replace fluid in the event there is water in it (milky color). 3. Loose oil reservoir or cover. 4. Loose vent bolt. 5. Damaged control shaft seal. Transmission should be repaired.
Noisy operation.	1. Operating at part throttle. Hydrostatic transmission is designed to operate with the engine running at full throttle. 2. Water in transmission fluid. Replace transmission fluid. 3. Air in transmission fluid. Bleed air from vent.
Output shaft rotates in the opposite direction.	The transmission body is 180° out of position. Transmission has to be removed and reassembled correctly.

Model 995

SEAT PARTS WERE MODIFIED
(EXTRA HOLES TO MOVE TO 6" Ø WIDTH)

PARTS WILL HAVE TO BE DRILLED BY
CUSTOMER TO MAKE WORK



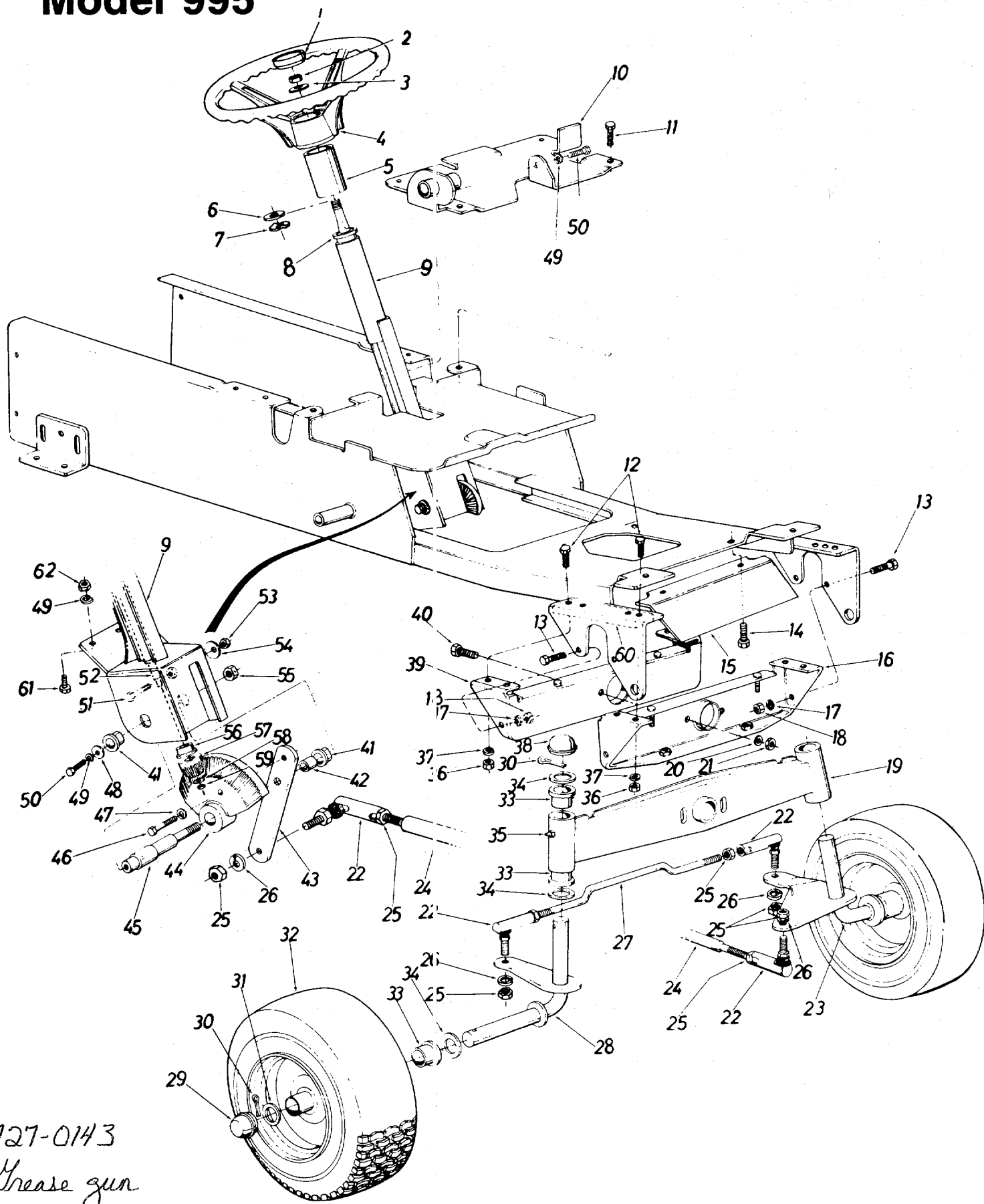
Model 995

PARTS LIST FOR MODEL 995 HYDROSTATIC TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	757-0332		Seat Ass'y.		48	13569		Heat Shield	
2	14225		Seat Support Brkt.		50	710-0286		Truss Mach. Scr. 1/4-20 x .75" Lg.*	
3	710-0192		Truss Hd. Mach. Scr. #10-24 x .38" Lg.		51	13725		Grille Strap	
4	710-0623		Hex Wash. Hd. Self-Tap Scr. 3/8-16 x .75" Lg.		52	725-0267		Ignition Switch	
5	13123		Seat Spring		53	725-0201		Ignition Key	
6	13214		Seat Support Plate		56	710-0252		Hex Scr. 1/4-20 x .75" Lg.*	
7	736-0119		L-Wash. 5/16" Scr.*		58	726-0169		Clip-On Receptacle	
8	712-0267		Hex Nut 5/16-18 Thd.*		59	732-0391		Hood Spring	
9	710-0689		Nylon Scr. 1/2-13 x .75" Lg.		60	736-0722		L-Wash. #10	
10	736-0160		Fl-Wash. .531 I.D. x .930 O.D.		61	712-0121		Hex Nut #10-24	
11	712-0384		Hex Cent. L-Nut 1/2-13 Thd.		62	13528		Speed Control Guide	
12	710-0118		Hex Scr. 5/16-18 x .75" Lg.*		63	710-0255		Truss Mach. Scr. 1/4-20 x .75" Lg.*	
13	710-0697		Self-Tap Oval Hd. Scr. 1/2" Lg.		64	13509		Frame Ass'y.	
14	731-0384		Dash Panel Cover		65	736-0242		Bell-Wash. 5/16" I.D.	
15	13472	638	Hood Ass'y.		69	726-0167		1/4-Turn Stud	
16	747-0231		Hinge Rod		70	13525		Hood Lower Side Panel	
17	13581		Hood Hinge Ass'y.		71	13576		Foot Step Panel Ass'y.—R.H.	
18	736-0329		L-Wash. 1/4" I.D.*			13577		Foot Step Panel Ass'y.—L.H. (Not Shown)	
19	712-0287		Hex Nut 1/4-20 Thd.*		72	710-0253		Hex Scr. 3/8-16 x 1.00" Lg. Grade 5	
20	13106	638	Rear Fender		73	736-0117		Fl-Wash. .385 I.D. x .62 O.D.	
21	710-0721		Fl-Hd. Truss Scr. #10 x .62" Lg.		74	710-0194		Hex Scr. 3/8-16 x 3.00" Lg.*	
22	746-0699		Throttle Control		75	710-0253		Hex Scr. 3/8-16 x 1.00" Lg. Grade 5	
23	725-0119		Ammeter		78	736-0169		L-Wash. 3/8" I.D.*	
24	735-0199		Rubber Bumper		79	712-0798		Hex Nut 3/8-16 Thd.*	
25	746-0343		Choke Control		80	750-0261		Spacer .375 I.D. x .62 O.D. x 2.00" Lg.	
26	725-0670		Light Switch		84	13066		Transaxle Support Brkt.	
27	731-0463		Dash Panel		85	710-0617		Rd. Hd. Rib Neck Scr. 3/8-24	
28	710-0258		Hex Scr. 1/4-20 x .62" Lg.*		86	736-0217		L-Wash. 3/8" Scr.*	
29	13689		Hood Support Brkt. Ass'y.—R.H.		87	712-0241		Hex Nut 3/8-24 Thd.*	
32	13585		Hinge Rod Support		88	710-0167		Carr. Bolt 1/4-20 x .50" Lg.*	
33	736-0211		Fl-Wash. .250 I.D. x 1.25 O.D.		89	710-0260		Carr. Bolt 5/16-18 x .62" Lg.*	
36	710-0294		Hex Scr. 1/4-20 x .38" Lg.*		90	731-0405		Snap Bushing	
38	13690		Hood Support Brkt. Ass'y.—L.H.		91	710-0618		Fl-Hd. Self-Tap Scr. 1/4-20 x .62" Lg.	
39	13687		Head Lamp Retainer		92	13529		Transmission Cover	
40	722-0136		Foam Strip		95	710-0601		Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .75" Lg.	
41	13724		Heat Shield Brkt.		96	13124		Seat Adjustment Brkt.	
42	731-0465		Head Lamp Bezel		97	13536		Dash Panel Mtg. Brkt.	
43	710-0425		Truss Mach. Scr. #10-24 x .50" Lg.		99	726-0168		Retainer	
44	725-0222		Head Lamp						
45	13730		Grille Screen						
47	15667	638	Grille						

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

Model 995



727-0143
Grease gun

Model 995

PARTS LIST FOR MODEL 995 HYDROSTATIC TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap		33	731-0374		Flange Brg. 1.00" I.D.	
2	712-0158		Hex Cent. L-Nut 5/16-18 Thd.		34	736-0259		Fl-Wash. 1.00" I.D. x 1.62" O.D.	
3	736-0270		Bell-Wash.					Grease Fitting	
4	731-0806A 0356		Steering Wheel		35	737-0146		Hex Nut 3/8-16 Thd.*	
5	750-0362		Steering Tube—Outer		36	712-0798		L-Wash. 3/8" Scr.*	
6	736-0296		Double "D" Fl-Wash.		37	736-0169		Dust Cover	
7	736-0174		Wave Wash. .660 I.D. x .88 O.D.		38	731-0349		See Ref. No. 16	
8	741-0138		Ball Brg. .63 I.D. x 1.38 O.D.		39	—		Hex Scr. 3/8-16 x 2.50" Lg.*	
9	13515		Steering Column Ass'y.		40	710-0937		Flange Brg. w/Flats .753 I.D.	
10	13586		Dash Panel Base Plate Ass'y.		41	741-0199		Steering Gear Shaft Spacer	
11	710-0623		Hex Self-Tap Scr. 3/8-16 x .75" Lg.		42	750-0333		Steering Arm	
12	710-0344		Hex Scr. 3/8-16 x 1.50" Lg.*		43	13132		Bevel Gear	
13	710-0253		Hex Scr. 3/8-16 x 1.00" Lg.*		44	748-0238		Steering Gear Shaft	
14	710-0502		Hex Wash. S.F. Tap Scr. 3/8-16 x 1.25" Lg.		45	738-0342		Hex Scr. 3/8-16 x 1.50" Lg.*	
15	13547		Dust Shield		46	710-0344		L-Wash. 3/8" Scr.*	
16	13032		Front Pivot Brkt. Ass'y.		47	736-0169		Fl-Wash. .406 I.D. x 1.25" O.D.	
17	736-0169		L-Wash. 3/8" Scr.*		48	736-0133		L-Wash. 3/8" Scr.*	
18	712-0798		Hex Nut 3/8-16 Thd.*		49	736-0169		Hex Scr. 3/8-16 x .75" Lg.*	
19	13008		Pivot Bar Ass'y.		50	710-0216		Nylon Hex Scr. 3/8-16 x 1.25" Lg.	
20	736-0219		Bell-Wash. 3/8" Scr.*		51	710-0670		Steering Shaft	
21	712-0375		Hex Cent. L-Nut 3/8-16 Thd.*		52	738-0408		Hex Jam Nut 3/8-16 Thd.	
22	723-0179		Drag Link End		53	712-0342		Bell-Wash. .400 I.D. x 1.13 O.D.	
23	13001		Axle Ass'y.—L.H.		54	736-0219		Hex Ins. L-Nut 1/2-20 Thd.	
24	747-0294		Drag Link		55	712-0239		Hex Flange Brg. .630 I.D.	
25	712-0922		Hex Nut 1/2-20 Thd.		56	748-0227		Pinion Gear	
26	736-0921		L-Wash. 1/2" Scr.*		57	748-0237		Fl-Wash. 3/8" Dia.	
27	747-0279		Tie Rod		58	736-0264		Hex Cent. L-Nut 5/16-24 Thd.	
28	13002		Axle Ass'y.—R.H.		59	712-0237		Spacer	
29	731-0556		Dust Cover		60	13539		Hex Bolt 3/8-24 x 1.00" Lg.*	
30	714-0142		Cotter Pin 3/16" Dia. x 1.50" Lg.*		61	710-0152		Hex Nut 3/8-24 Thd.*	
31	736-0259		Fl-Wash. 1.00" I.D. x 1.62" O.D.		62	712-0241			
32	734-1221		Front Wheel Ass'y. Comp.						
	734-0787		Front Wheel Rim Only						
	734-0294		Front Wheel Tire Only						
	734-0255		Air Valve						

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638—Red

If color or finish is important when ordering parts, use the appropriate color code shown below [i.e. (part no.)-638 for Red Finish].

Color Codes

 **NOTE**
Specifications subject to change without notice or obligation.

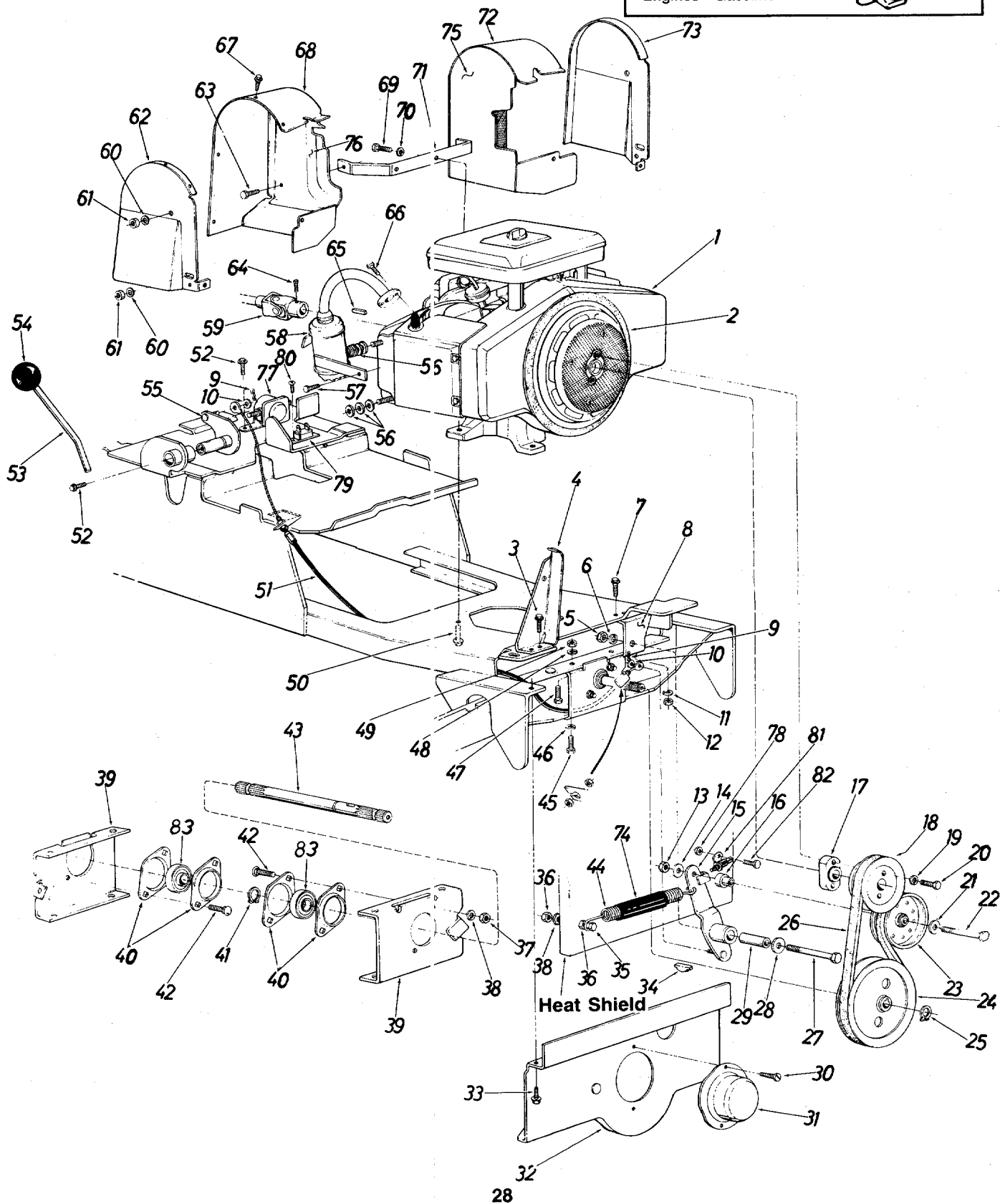
456—Radiant Tangerine
460—Green Flake
483—Charcoal Gray
498—Yellow
499—Beige
621—Brilliant Fire Mist

629—Silver Flake
630—Metallic Blue
637—Black
638—Red
640—Green
646—CM Blue

Model 995

NOTE: The engine is not under warranty by the mower manufacturer... If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."

Find It Fast
In The
Yellow Pages



Model 995

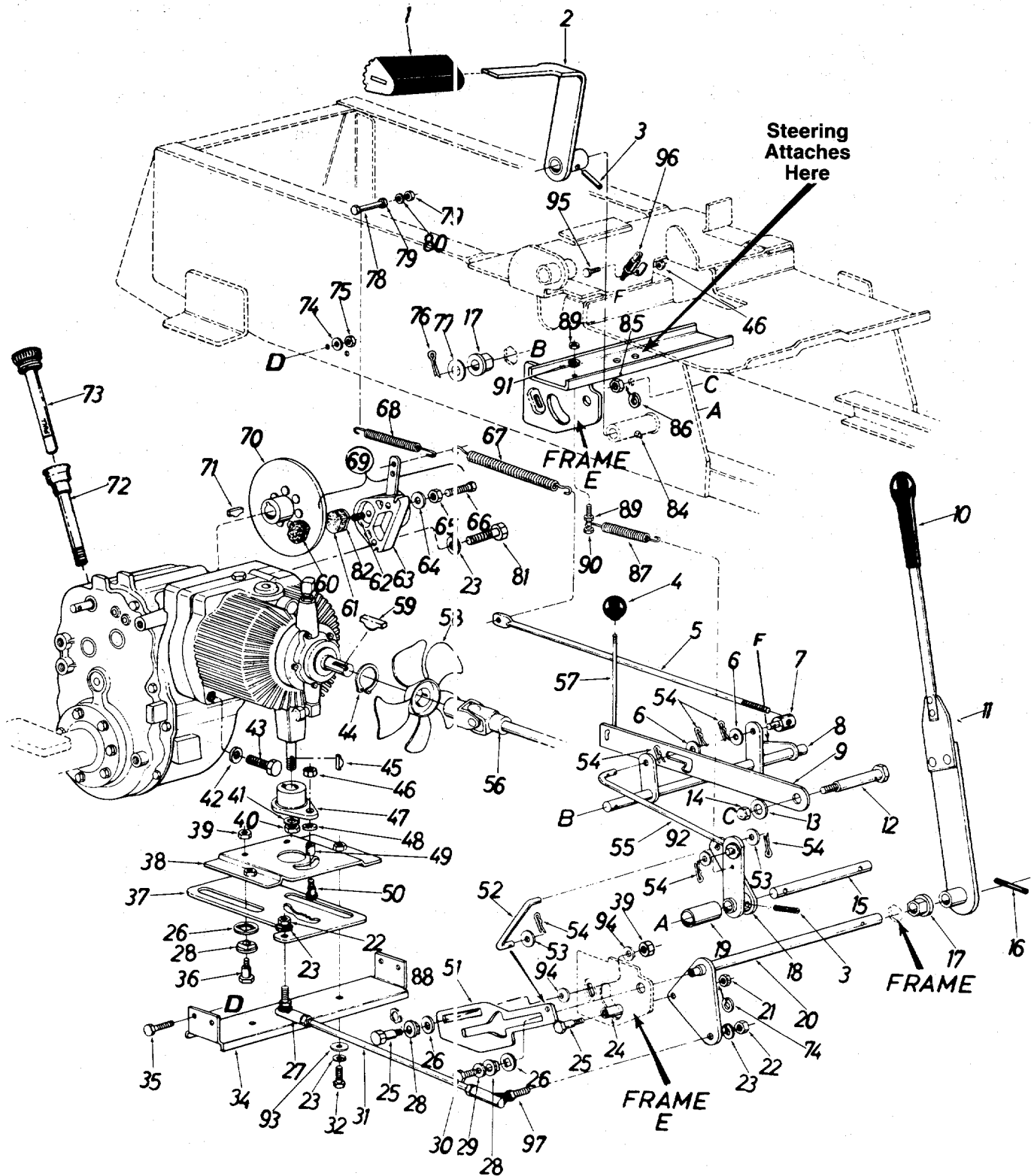
PARTS LIST FOR MODEL 995 HYDROSTATIC TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine		45	710-0253		Hex Scr. 3/8-16 x 1.00" Lg.*	
2	722-0148		Mylar Foam Strip		46	736-0169		L-Wash. 3/8" Scr.*	
3	710-0642		Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .75" Lg.		47	710-0253		Hex Scr. 3/8-16 x 1.00" Lg.*	
4	13590		Belt Guard		48	736-0169		L-Wash. 3/8" Scr.*	
5	712-0798		Hex Nut 3/8-16 Thd.*		49	712-0798		Hex Nut 3/8-16 Thd.*	
6	736-0169		L-Wash. 3/8" Scr.*		50	710-0502		Hex Wash. Hd. Self-Tap Scr. 3/8-16 x 1.25" Lg.	
7	710-0601		Hex Wash. Hd. Self-Tap Scr. 5/16-18 x .75" Lg.		51	746-0341		PTO Control Cable	
8	13554		PTO Support Brkt.		52	710-0599		Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50"	
9	714-0101		Hairpin Cotter 1/2" Dia.		53	747-0211		PTO Handle	
10	736-0133		FI-Wash. .38" I.D. x 1.25 O.D. x .10 Thk.		54	720-0175		Ball Knob	
11	736-0169		L-Wash. 3/8" Scr.*		55	13587		PTO Actuator Lever Ass'y.	
12	712-0798		Hex Nut 3/8-16 Thd.*		56	736-0288		FI-Wash. .312" I.D. x 1.620" O.D. x .060	
13	712-0798		Hex Nut 3/8-16 Thd.*		57	710-0599		Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50" Lg.	
14	736-0133		FI-Wash. .38 I.D. x 1.25" O.D. x .10 Thk.		58	751-0242		Muffler Ass'y. Comp.— R.H.	
15	13550		PTO Idler Ass'y.		59	717-0402		Universal Joint Ass'y. Comp.	
16	711-0598		Idler Adapter		60	736-0264		FI-Wash. .312" I.D. x .630" O.D. x .063	
17	748-0271		Pulley Spacer		61	712-0267		Hex Nut 5/16-18 Thd.*	
18	756-0312		1/2" V-Pulley 4.75" O.D. (Engine)		62	13722		Shroud Outer—R.H.	
19	736-0217		L-Wash. 3/8" Scr. H.D.		63	710-0599		Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50" Lg.	
20	710-0427		Hex Scr. 3/8-16 x 2.00" Lg.*		64	710-0666		Sq. Hd. Set Scr. 5/16-18 x .38" Lg. (Cup Point)	
21	736-0133		FI-Wash. .38" I.D. x 1.25 O.D. x .010 Thk.		65	714-0114		Sq. Key 1/4" x 2.00" Lg.	
22	710-0937		Hex Scr. 3/8-16 x 2.50" Lg.*		66	710-0751		Hex Wash. Hd. Scr. 1/4-20 x 5/8" Lg.—Grade 5	
23	711-0306		Flat Idler Pulley		67	710-0224		Hex "AB" Tap Scr. #10 x .50" Lg.	
24	756-0309		1/2" V-Pulley 7.00" O.D. (PTO)		68	13720		Shroud Cover—R.H.	
25	716-0127		Snap Ring		69	710-0157		Hex Scr. 5/16-24 x .75" Lg.*	
26	754-0234		"V"-Belt 1/2" x 41" Lg. (PTO)		70	736-0119		L-Wash. 5/16" Scr.	
27	710-0937		Hex Scr. 3/8-16 x 2.50" Lg.*		71	13723		Shroud Support Brkt.	
28	736-0133		FI-Wash. .38" I.D. x 1.25" O.D. x .010		72	13719		Shroud Cover—L.H.	
29	750-0374		Spacer .375" I.D. x .62" O.D. x 1.830 Lg.		73	13721		Shroud Outer—L.H.	
30	710-0224		Hex "B" Tap Scr. #10 x .50" Lg.		74	731-0466		Spring Cover Tubing (PTO Clutch)	
31	13546		PTO Cup		75	13714		Shroud Inner Ass'y.—L.H.	
32	13542		PTO Belt Guard Ass'y.		76	13717		Shroud Inner Ass'y.—R.H.	
33	710-0601		Hex Wash. Self-Tap Scr. 5/16-18 x .75		77	725-0771		Solenoid	
34	714-0154		#91 Hi-Pro Key		78	710-0289		Hex Scr. 1/4-20 x 1/2" Lg.	
35	710-0528		Hex Scr. 5/16-18 x 1.25" Lg.		79	725-0459		Circuit Breaker	
36	712-0267		Hex Nut 5/16-18 Thd.*		80	710-0351		Truss Mach. Scr. #10 x .50" Lg.	
37	712-0267		Hex Nut 5/16-18 Thd.*		81	725-0842		Safety Switch (PTO)	
38	736-0119		L-Wash. 5/16" Scr.*		82	736-0329		L-Wash. 1/4" Scr.*	
39	13553		PTO Brg. Retainer Brkt.		83	741-0303		Ball Bearing	
40	741-0242		1-00" Dia. Brg. w/Flangette		84	751-0241		Muffler Ass'y. Comp.—L.H. (Not Shown)	
41	716-0127		Snap Ring						
42	710-0451		Carr. Bolt 5/16-18 x .75" Lg.*						
43	738-0395		Spline Shaft						
44	732-0262		Extension Spring (PTO Clutch)						

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725-0842A HAS 6" WIRE LEADS

Model 995

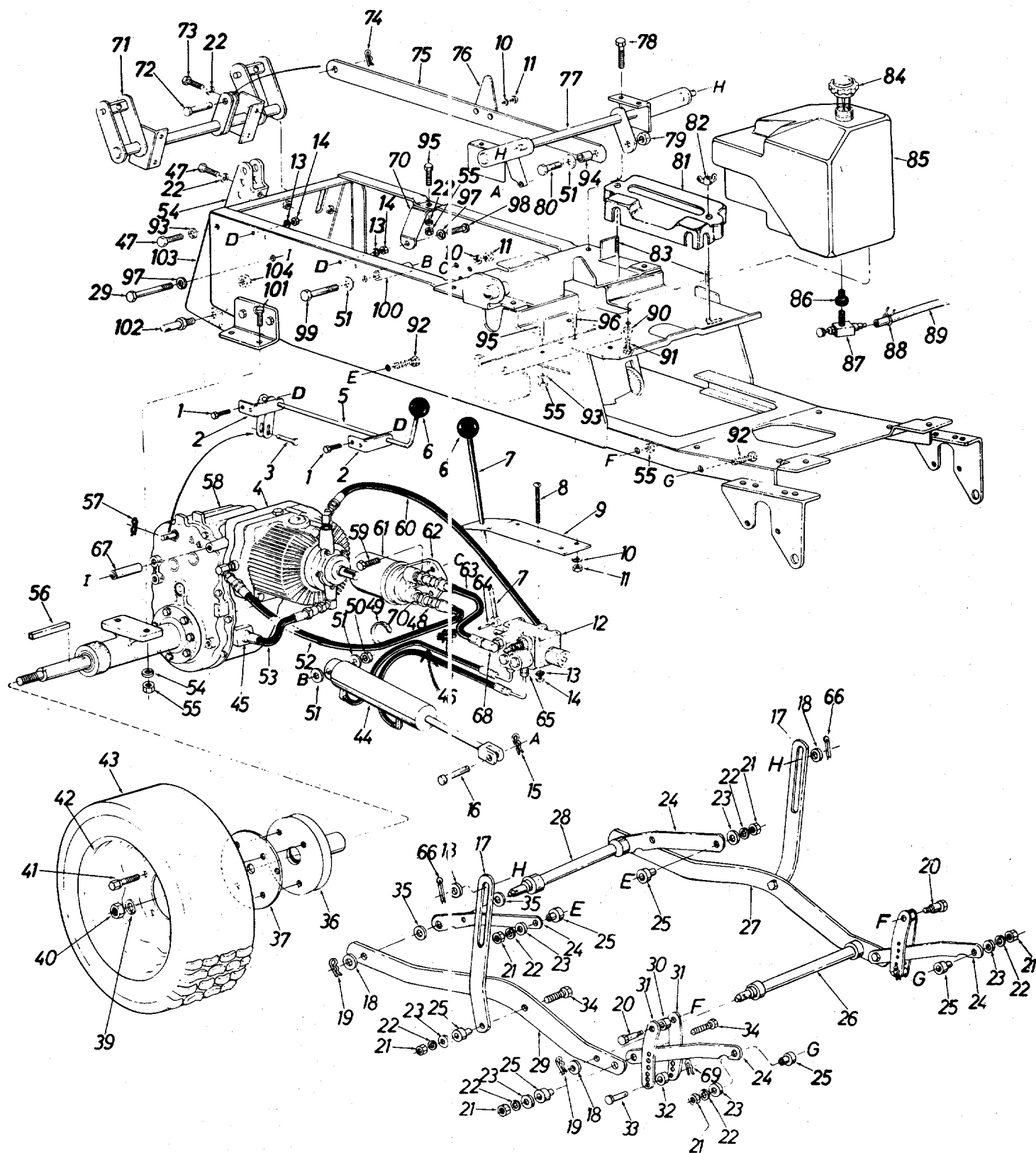


Model 995

PARTS LIST FOR MODEL 995 HYDROSTATIC TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	735-0189		Foot Pad		48	736-0142		Fl-Wash. .281 I.D. x .50 O.D. x .063	
2	13080		Foot Pedal Brkt. Ass'y.—R.H.		49	741-0154		Needle Brg. .31" I.D. x .50" O.D. x .437" Lg.	
3	715-0114		Spring Pin Spiral 1/4" Dia. x 1.50" Lg.*		50	710-0491		Shld. Scr. .31 Dia. x .500 (Socket Head)	
4	720-0166		Ball Knob—Brake		51	13556		Neutral Control Slide	
5	747-0283		Brake Rod		52	747-0287		Neutral Control Rod	
6	736-0101		Fl-Wash. .375" I.D. x 1.00" O.D. x .030		53	736-0264		Fl-Wash. .312 I.D. x .630 O.D. x .063	
7	711-0198		Ferrule		54	714-0104		Hairpin Cotter	
8	13548		Brake Transfer Shaft Ass'y.		55	13702		Brake Link Rod Ass'y.	
9	13523		Parking Brake Cam		56	717-0402		Universal Joint Ass'y. Comp.	
10	720-0143		Grip		57	747-0282		Parking Brake Link	
11	13787		Control Arm Ass'y. Comp.		58	731-0317		Fan Ass'y.	
12	738-0186		Shld. Scr. .62 Dia. x 2.75" Lg.		59	714-0388		#61 Hi-Pro Key 3/16 x 5/8" Dia.	
13	736-0187		Fl-Wash. .460 I.D. x 1.24 O.D. x .06		60	HU-24-13772		Lining—Brake	
14	712-0222		Push Speed Nut for .625 Dia. Shaft		61	HU-24-13772		Lining—Brake	
15	738-0402		Brake Pivot Shaft		62	HU-39-13774		Actuator Pin	
16	715-0114		Spring Pin Spiral 1/4" Dia. x 1.50" Lg.*		63	HU-39-14232		Housing with Lever and Pin	
17	741-0225		Hex Flange Brg. Plastic .62 I.D.		64	HU-20-9764		Washer	
18	13505		Brake Hub Ass'y.		65	HU-37-13818		Nut	
19	750-0181		Spacer		66	HU-39-13775		Adjustment Pin	
20	13565		Control Handle Ass'y.		67	732-0260		Extension Spring .59 O.D. x 6.5" Lg.	
21	712-0158		Hex Cent. L-Nut 5/16-18 Thd.		68	732-0157		Extension Spring (Brake Return)	
22	712-0241		Hex Nut 3/8-24 Thd.*		69	761-0170		Disc Brake Ass'y. Comp.	
23	736-0169		L-Wash. 3/8" Scr.*		70	761-0142		Brake Disc Ass'y.	
24	748-0270		Spacer		71	714-0137		Hi-Pro Key 3/16 x 3/4" Dia.	
25	738-0138		Shoulder Bolt		72	751-0239		Dipstick Tube Ass'y.	
26	736-0303		Fl-Wash. .63 Sq. Hole x 1.25" O.D.		73	751-0240		Dipstick Ass'y.	
27	723-0351		Ball Joint Ass'y. 3/8-24 Thd.—L.H.		74	736-0119		L-Wash. 5/16" Scr.	
28	748-0180		Pivot Slide		75	712-0267		Hex Nut 5/16-18 Thd.*	
29	736-0159		Fl-Wash. .312 I.D. x .88 O.D.		76	714-0115		Cotter Pin 1/8" Dia. x 1.00" Lg.*	
30	710-0643		Hex Ins. Scr. 5/16-18 x 1.00" Lg.		77	736-0162		Fl-Wash. .635" I.D. x 1.00 O.D. x .120 Thk.	
31	747-0365		Tie Rod		78	710-0102		Hex Scr. 1/4-20 x 2.50" Lg.*	
32	710-0216		Hex Scr. 3/8-16 x .75" Lg.*		79	712-0287		Hex Nut 1/4-20 Thd.*	
34	13562		Support Channel		80	736-0329		L-Wash. 1/4" Scr.*	
35	710-0118		Hex Scr. 5/16-18 x .75" Lg.*		81	710-0342		Hex Scr. 3/8-16 x 1.25" Lg.*	
36	738-0141		Shld. Scr. .437" Dia. x .350		82	HU-25-13808		Backing Plate	
37	13555		Cam Plate		84	737-0146		Grease Fitting	
38	13557		Slide Mtg. Plate Ass'y.		85	712-0240		Hex Nut 7/16-20 Thd.*	
39	712-0158		Hex Cent. L-Nut 5/16-18 Thd.		86	736-0171		L-Wash. 7/16" Scr.*	
40	712-0206		Hex Nut 1/2-13 Thd.*		87	732-0121		Extension Spring	
41	736-0921		L-Wash. 1/2" Scr.*		88	736-0141		Wave Wash.	
42	736-0300		Fl-Wash. .385 I.D. x .87 O.D. x .060		89	712-0287		Hex Nut 1/4-20 Thd.*	
43	710-0492		Socket Hd. Scr. 3/8-16 x 2.75" Lg.		90	710-0106		Hex Scr. 1/4-20 x 1.25" Lg.*	
44	716-0123		Snap Ring		91	736-0329		L-Wash. 1/4" Scr.*	
45	714-0131		#5 Hi-Pro Key 1/8" x 5/8" Dia.		92	736-0101		Fl-Wash.	
46	712-0107		Hex Cent. L-Nut 1/4-20 Thd.		93	736-0427		Fl-Wash. .38 I.D. x 1.25 O.D.	
47	13559		Pintle Plate Ass'y.		94	736-0242		Bell-Wash.	
					95	710-0289		Hex Scr. 1/4-20 x 1/2" Lg.	
					96	725-05773/69		Safety Switch (Clutch)	
					97	723-0156		Ball Joint Ass'y. 3/8-24 Thd.—R.H.	

Model 995



Model 995

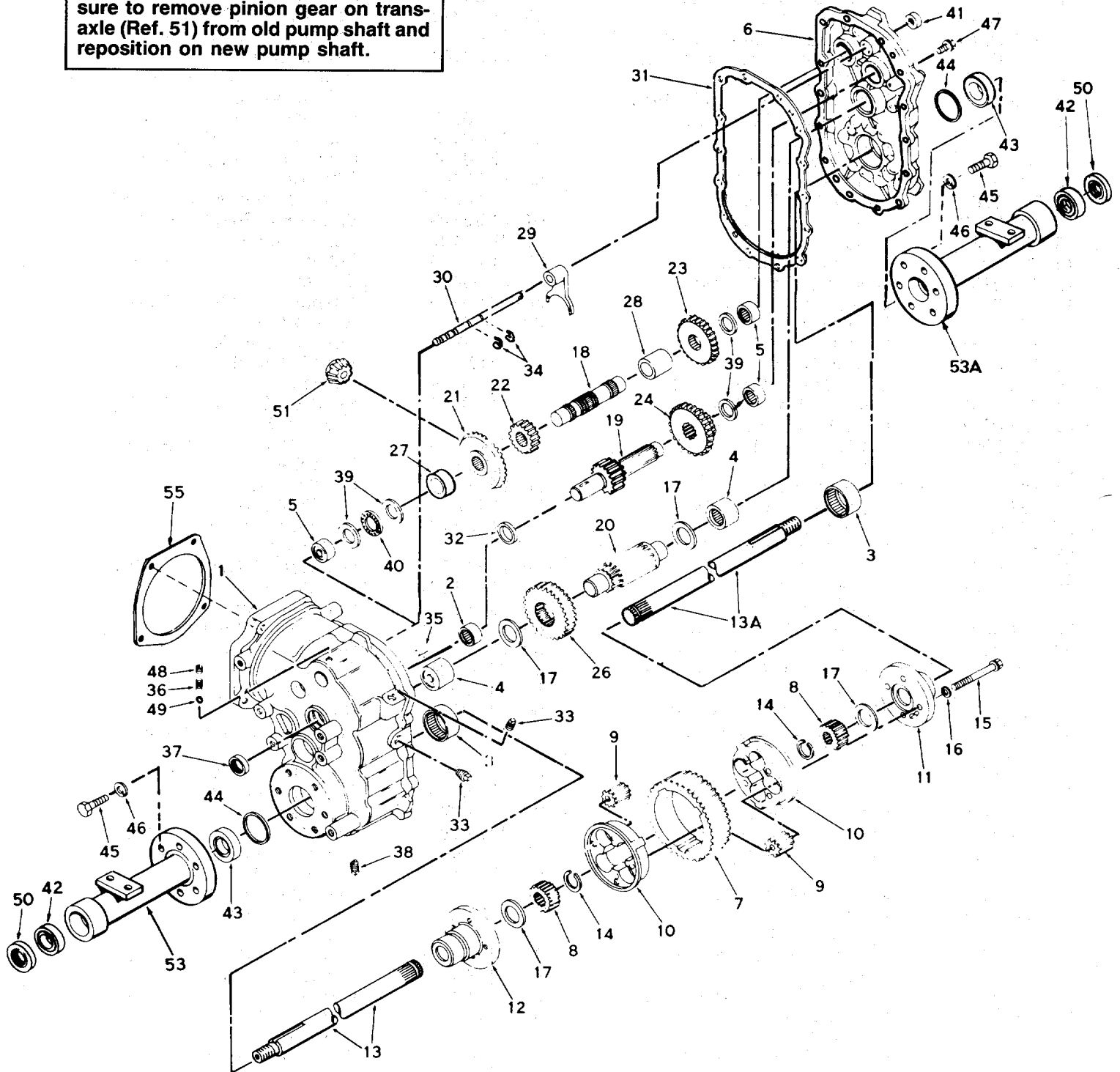
PARTS LIST FOR MODEL 995 HYDROSTATIC TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0237		Hex Bolt 1/4-20 x .75" Lg.*		53	749-0309		Pump Tube Ass'y.	
2	13524		Hi-Lo Speed Control Brkt.		54	13026		Hitch Brkt.	
3	711-0684		Clevis Pin 1/4" Dia.		55	712-0798		Hex Nut 3/8-16 Thd.*	
4	717-0344		Hydrostatic Pump Comp.		56	714-0114		Sq. Key 1/4" x 1/4" x 2"	
5	13532		Hi-Lo Control Handle Ass'y.		57	714-0104		Hairpin Cotter 1/4" Dia.	
6	720-0175		Ball Knob		58	—		Peerless Transaxle (See Breakdown)	
7	13531		Cylinder Control Handle Ass'y.		59	710-0528		Hex Bolt 5/16-18 x 1.25"	
8	710-0105		Truss Mach. Scr. 1/4-20 x 3.00" Lg.*		60	727-0167		Pump to Valve Hose	
9	13534		Valve Base Plate		61	727-0162		Fram Filter Ass'y. PH-16	
10	736-0119		L-Wash. 5/16" I.D.*		62	727-0163		Filter Base	
11	712-0267		Hex Nut 5/16-18 Thd.*		63	727-0218		Valve to Filter Hose—8.38"	
12	727-0200		Valve Ass'y. Comp.		64	715-0129		Spring Pin Spiral 1/8" Dia.	
13	736-0329		L-Wash. 1/4" I.D.*		65	727-0187		Flare Adapter	
14	712-0287		Hex Nut 1/4-20 Thd.*		66	714-0115		Cotter Pin 1/8" Dia. x 1.0"*	
15	714-0101		Hairpin Cotter 1/2" Dia.		67	750-0417		Spacer	
16	711-0140		Clevis Pin 1/2" Dia.		68	727-0175		Adapter 9/16-18 to 9/16-18	
17	13570		Deck Link		69	714-0145		Hairpin Cotter	
18	736-0156		FI-Wash. .62" I.D. x 1.12"		70	13530		Transmission Brace	
19	714-0147		Hairpin Cotter		71	13135		Rear Lift Shaft Ass'y.	
20	738-0148		Shld. Bolt .498 Dia. x .66		72	711-0654		Clevis Pin	
21	712-0241		Hex Nut 3/8-24 Thd.*		73	710-0514		Hex Scr. 3/8-16 x 1.00" Lg. Grade 5	
22	736-0217		L-Wash. 3/8" I.D. H.D.		74	714-0470		Cotter Pin 1/8" Dia. x 1.25"*	
23	736-0258		FI-Wash. .38 I.D. x 1.00"		75	13709		Push Bar Ass'y.	
24	13151		Lift Arm		76	13535		Position Indicator	
25	748-0241		Shoulder Spacer		77	13501		Lift Shaft Ass'y.	
26	13729		Cross Shaft Ass'y. Front		78	710-0649		Hex Self-Tap Scr. 3/8-24 x .88" Lg.	
27	13139		Lift Arm Link		79	712-0239		Hex Cent. L-Nut 1/2-20 Thd.	
28	13728		Cross Shaft Ass'y. Rear		80	710-0504		Hex Scr. 1/2-20 x 1.25" Lg.*	
29	710-0490		Hex Bolt 1/2-13 x 2.75"*		81	731-0707		Battery Cover	
30	711-0146		Collar .50" I.D. x 1.0"		82	712-0113		Wing Nut 1/4-20 Thd.	
31	13545		Index Brkt.		83	711-0222		Battery Hold Down Rods	
32	711-0242		Spacer .38" I.D. x 1.0" O.D.		84	751-0226		Gas Tank Cap	
33	711-0173		Clevis Pin 3/8" Dia.		85	751-0243		Gas Tank Ass'y.	
34	710-0459		Hex Bolt 3/8-24 x 1.50" Lg. Grade 5		86	735-0149		Bushing	
35	736-0167		FI-Wash. .62" I.D. x 1.25"		87	751-0171		Fuel Shut-Off Valve with Screen	
36	13572		Rear Wheel Hub Ass'y.		88	726-0184		Gas Line Clamp 7/16"	
37	13574		Hub Plate		89	731-0470		Gas Line 30" Lg.	
39	1541-006		L-Wash. 3/4" I.D.		90	736-0270		Bell-Wash.	
40	712-0288		Hex Ins. L-Nut 3/4-16 Thd.		91	710-0289		Hex Scr. 1/4-20 x .38" Lg.*	
41	710-0470		Wheel Lug Bolt		92	710-0459		Hex Scr. 3/8-24 x 1.50" Lg.*	
42	734-0935		Rear Wheel Rim Only		93	736-0169		L-Wash. 3/8" Scr.*	
43	734-0934		Rear Wheel Ass'y. Comp. 27 x 9.50		94	750-0336		Push Bar Sleeve	
	734-0397		Tire Only 27 x 9.50		95	710-0253		Hex Scr. 3/8-16 x 1.00 Lg. Grade 5	
	~~734-0936~~		Air Valve		96	710-0118		Hex Scr. 5/16-18 x .75" Lg.*	
44	727-0159		Hydraulic Cylinder		97	736-0921		L-Wash. 1/2" Scr.*	
45	727-0220		7/8-14 UNF-2A Thd. 5/8 Tube Fitting		98	710-0474		Hex Scr. 1/2-13 x 1.25" Lg.*	
46	727-0219		Valve to Cylinder Hose—20" <i>2.00</i>		99	710-0515		Hex Scr. 1/2-20 x 3 1/2" Lg. Grade 5	
47	~~710-0216~~		Hex Bolt 3/8-16 x .75" Lg.—Grade 5		100	750-0443		Spacer for Cylinder	
48	727-0222		Bushing Reducer 1/2-14 NPTF to 3/8-18 NPTF		101	710-0347		Hex Scr. 3/8-16 x 1.75" Lg.*	
49	726-0178		Cable Tie		102	711-0497		Link Clevis Pin	
50	712-0922		Hex Jam Nut 1/2-20 Thd.		103	13196		Hitch Plate Ass'y.	
51	736-0179		FI-Wash. .50" I.D. x 1.25		104	712-0923		Hex Cent. L-Nut 5/8-18 Thd.	
52	727-0217		Filter Return Hose 24" Lg.						

Model 995

NOTE

If hydrostatic pump is replaced, be sure to remove pinion gear on trans-axle (Ref. 51) from old pump shaft and reposition on new pump shaft.



Model 995

PARTS LIST FOR TRANSAXLE MODEL 2526

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	PE-770060A	Case Ass'y., Transaxle (Incl. Nos. 2 thru 5)	28	PE-786056	Spacer (1 19/32" Long)
2	PE-780097	Bearing, Needle	29	PE-784195	Fork, Shift
3	PE-780098	Bearing, Needle	30	PE-784196	Rod, Shift
4	PE-780099	Bearing, Needle	31	PE-788047	Gasket, Case and Cover
5	PE-780100	Bearing, Needle	32	PE-780005	Spacer
6	PE-772065	Cover Ass'y., Transaxle (Incl. 3, 4 & 5)	33	PE-792010	Plug, Pipe
7	PE-778084	Gear, Ring	34	PE-792064	Ring, Snap
8	PE-778085	Gear, Side	35	PE-786026	Pin, Dowel
9	PE-778086	Gear, Pinion	36	PE-792003	Spring
10	PE-786054	Core, Body	37	PE-788008	Seal, Oil
11	PE-774199	Carrier, Differential	38	PE-792019	Plug, Magnetic Drain
12	PE-774200	Carrier, Differential	39	PE-780045	Washer, Thrust
13	PE-774390	Axle, (18 17/64" Long)	40	PE-780012	Bearing, Thrust
13A	PE-774389	Axle, (15 29/64" Long)	41	PE-788034	Seal, Oil
14	PE-792062	Ring, Snap	42	PE-780103	Bearing, Ball
15	PE-792063	Screw, Hex Hd. Mach., 3/8-16 x 3-3/8	43	PE-780104	Bearing, Thrust
16	PE-792011	Lock Washer, 3/8"	44	PE-788048	Seal, Square Cut
17	PE-780101	Washer, Thrust	45	PE-792065	Screw, Hex Hd. Mach., 1/2-13 x 1 1/2
18	PE-776118	Shaft, Counter	46	PE-792066	Lock Washer, 1/2"
19	PE-776122	Shaft, Brake	47	PE-792067	Screw, Hex Hd. Thd. Forming, 5/16-18 x 1
20	PE-776120	Pinion, Output	48	PE-792068	Screw, Set 1/4-20 x 1/2
21	PE-778087	Gear, Bevel (30 Teeth)	49	PE-792004	Ball, Steel
22	PE-778088	Gear, Spur (16 Teeth)	50	PE-788049	Seal, Oil
23	PE-778096	Gear, Spur (23 Teeth)	51	PE-778093A	Pinion, Bevel
24	PE-778097	Gear, Cluster (20 and 27 Teeth)	53	PE-782061	Housing, Axle (9 1/4" Long)
26	PE-778098	Gear, Output (37 Teeth)	53A	PE-782060	Housing, Axle (7 5/16" Long)
27	PE-786055	Spacer (55/64" Long)	55	PE-788050	Gasket

NOTE: This unit is not under warranty by the mower manufacturer. All Part Orders and Service must be handled through the Local Authorized Tecumseh Service Dealer.



yellow pages

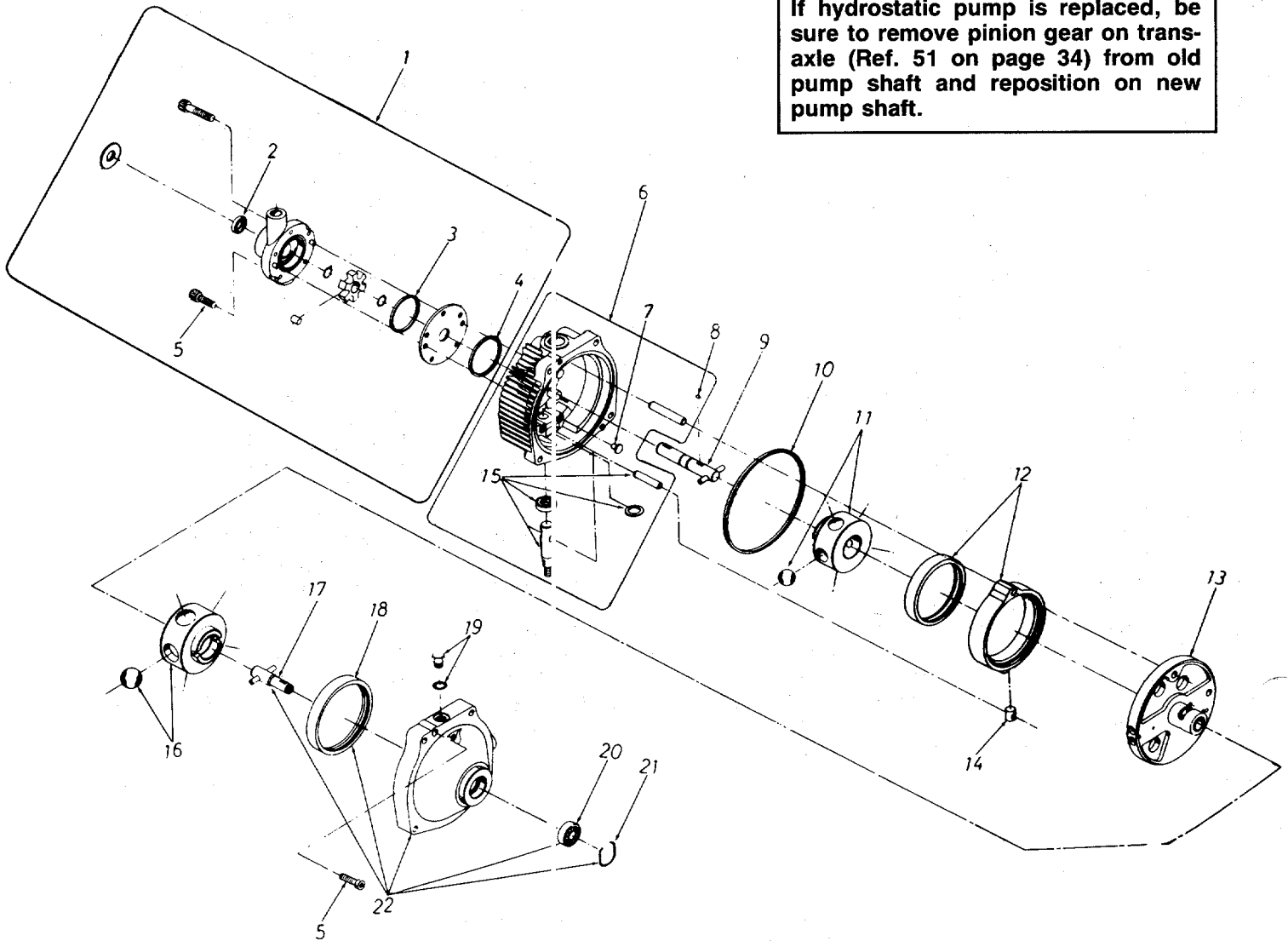
PEERLESS MODEL 2526

This unit is under warranty by Tecumseh Products Company. Parts and Service are available through all Tecumseh, Lauson Power Products Service Dealers. Check the "Yellow Pages" of your telephone directory under "Engines—Gasoline."

Model 995 M11 HYDROSTATIC TRANSMISSION

NOTE

If hydrostatic pump is replaced, be sure to remove pinion gear on trans-axle (Ref. 51 on page 34) from old pump shaft and reposition on new pump shaft.

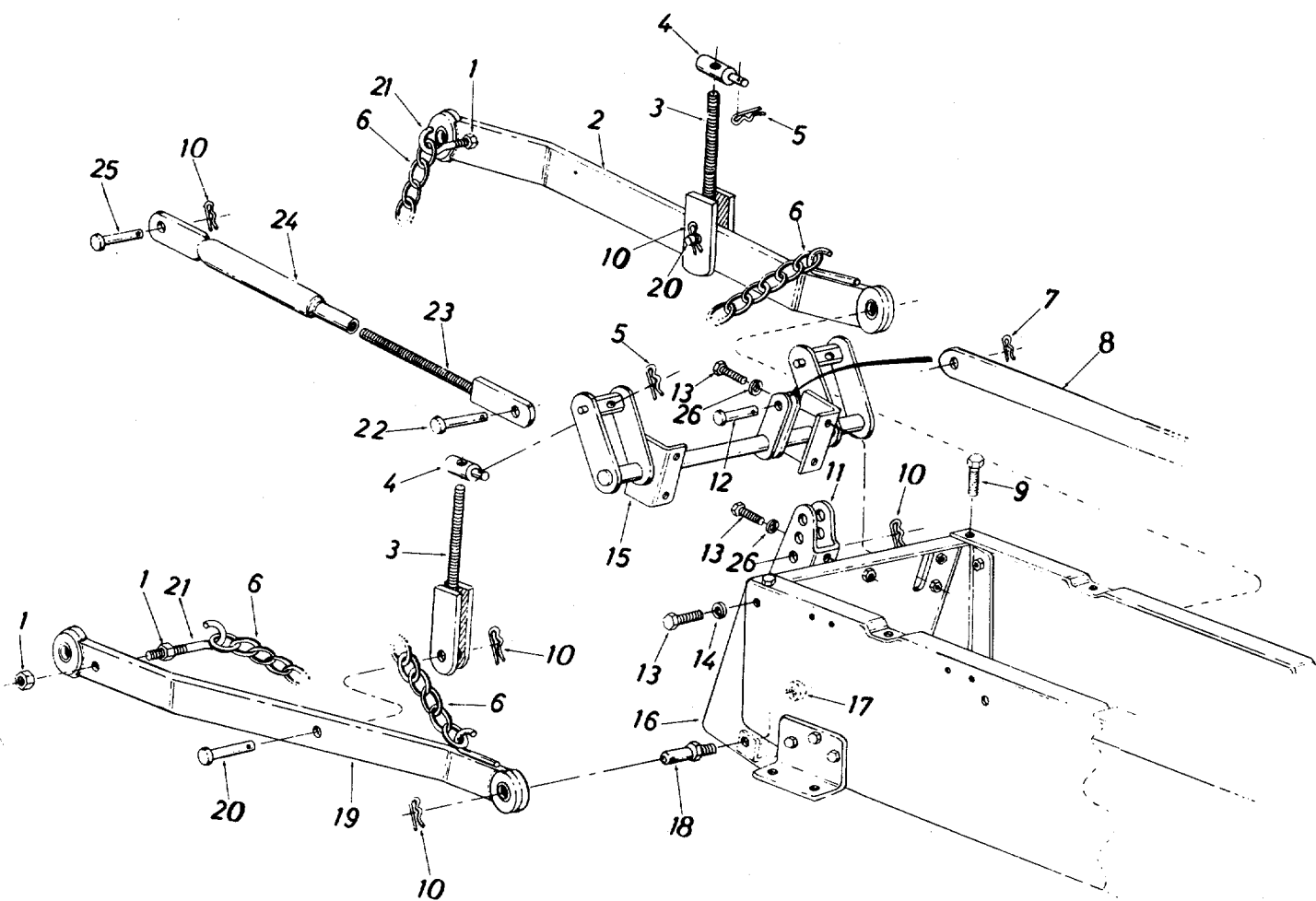


PARTS LIST FOR M11 HYDROSTATIC TRANSMISSION ET0(1100-006 (717-0344))

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	ET-990045-000	Charge Pump Kit	12	ET-101904-000	Cam Ring Subassembly
2	ET-092999-000	Oil Seal	13	ET-101571-000	Pintle Subassembly
3	ET-008771-036	Square Cut Seal Ring .036	14	ET-097841-000	Cam Ring Insert
4	ET-008771-038	Square Cut Seal Ring .038	15	ET-990136-000	Control Shaft Kit
5	ET-095912-125	Socket Head Cap Screw 5/16-18 x 1.25" Long	16	ET-101853-000	Motor Rotor—Ball Subassembly
6	ET-990114-000	Cover Subassembly	17	ET-024608-000	Output Shaft Subassembly
7	ET-101597-000	Button	18	ET-040525-000	Motor Race
8	ET-090880-000	Drive Pin	19	ET-025090-006	"O"-Ring Plug Subassembly
9	ET-024129-000	Input Shaft Subassembly	20	ET-097879-000	Ball Bearing (Output)
10	ET-008771-166	Square Cut Seal Ring .166	21	ET-091231-000	Retaining Ring
11	ET-101470-000	Pump Rotor—Ball Subassembly	22	ET-102583-000	Body Subassembly

NOTE: A complete disassembly procedure and repair manual for the hydrostatic pump is available from the factory. Write for manual covering Model 717-0344, Form No. 770-5390.

Model 995

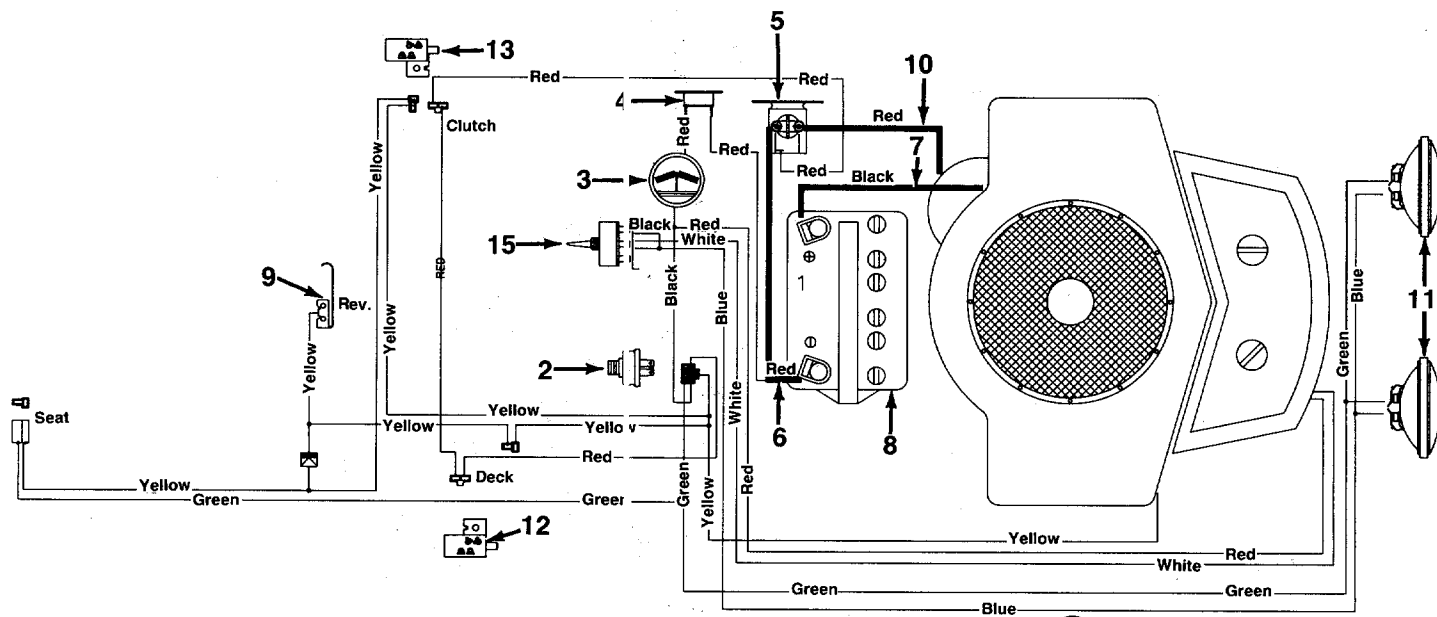


THREE POINT HITCH

PARTS LIST FOR MODEL 995 THREE POINT HITCH

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	712-0290		Hex Cent. L-Nut 7/16-14 Thd.		14	736-0217		L-Wash. 3/8" Scr. H.D.*	
2	13130		Draft Bar Ass'y.—L.H.		15	13135		Rear Lift Shaft Ass'y.	
3	13138		Clevis Screw Ass'y.		16	13196		Hitch Plate Ass'y.	
4	711-0649		Clevis Pin		17	712-0923		Hex Cent. L-Nut 5/8-18 Thd.	
5	714-0147		Hitch Pin Clip		18	711-0497		Link Clevis Pin	
6	713-0148		Chain 20 Links		19	13129		Draft Bar Ass'y.—R.H.	
7	714-0470		Cotter Pin 1/8" Dia. x 1.25" Lg.*		20	711-0225		Clevis Pin .63 Dia. x 1.66" Lg.	
8	13709		Push Bar Ass'y.		21	711-0639		Hitch Chain Hook	
9	710-0216		Hex Scr. 3/8-16 x .75" Lg.*		22	711-0299		Clevis Pin .63 Dia. x 2.4" Lg.	
10	714-0117		Hairpin Cotter		23	711-0636		Clevis Screw	
11	13026		Hitch Brkt.		24	749-0238		Clevis Tubing	
12	711-0654		Clevis Pin		25	711-0299		Clevis Pin .63 Dia. x 2.4" Lg.	
13	710-0216		Hex Scr. 3/8-16 x .75" Lg.*		26	736-0217		L-Wash. 3/8" Scr. H.D.	

Model 995



725-1176

PARTS LIST FOR ELECTRICAL SYSTEM

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	725-0201		Ignition Key (Not Shown)	
2	725-0267		Ignition Switch	
3	725-3141		Ammeter	
4	725-0459		Circuit Breaker	
5	725-0771		Solenoid	
6	725-0558		Electric Wire	
7	725-0994		Electric Wire	
8	725-0453		Battery	
9	725-0758		Spring Switch (Reverse Safety)	
10	725-0562		Electric Wire	
11	725-0222		Headlights	
12	725-0842A		Safety Switch (PTO)	
13	725-1270	316A	Safety Switch (Clutch)	N
14	725-1448	577	Wire Harness	
15	725-0670		Light Switch	

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

ARKANSAS	NORTH LITTLE ROCK
Sutton's Lawn Mower Shop.....	5301 Roundtop Drive Box 368, Rt. 4 2117
CALIFORNIA	PORTERVILLE
Billious	75 North D Street 03257
COLORADO	DENVER
Spitzer Industrial Products Co. ...	6601 N. Washington St. 00229
FLORIDA	JACKSONVILLE
Radco Distributors	4909 Victor St. Box 5459 02207
	HIALEAH
Small Eng. Dist.	7995 W. 26th Court 03016
ILLINOIS	LYONS
Keen Edge Co.	8615 Ogden Ave. 0534
INDIANA	ELKHART
Parts & Sales Inc.	2101 Industrial Pkwy. Box 277 6516
IOWA	DUBUQUE
Power Lawn & Garden Equip.	2551 J.F. Kennedy 2001
MARYLAND	BELTSVILLE
Center Supply Co.	6802 Industrial Dr. #208 0705
MASSACHUSETTS	SPRINGFIELD
Morton B. Collins Co.	300 Birnie Ave. 1107
MICHIGAN	MOUNT CLEMENS
Power Equipment Dist.	340 Hubbard 8043
MINNESOTA	PLYMOUTH
Hance Distributing Inc.	12795 16th Ave. North 5441
MISSOURI	EARTH CITY
Oscar Wilson Engine & Parts	4159 Shoreline Dr. 3045
	KANSAS CITY
Automotive Equip. Service	3117 Holmes St. 4109
NEW YORK	CARTHAGE
Gamble Dist., Inc.	West End Ave. Box 389 13619

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

NORTH CAROLINA	BROWNS SUMMIT
Dixie Sales Company	5920 Summit Ave. 27214
OHIO	CARROLL
Stebe's Mid-State Mower Supply	Box 366, 71 High St. 43112
	CLEVELAND
Bleckrie, Inc.	7900 Lorain Ave. 44102
	WADSWORTH
National Central	687 Seville Rd. 44281
	YOUNGSTOWN
Burton Supply Co.	1301 Logan Ave. Box 929 44501
PENNSYLVANIA	HARRISBURG
EECO Inc.	4021 N. 6th St. 17110
	PITTSBURGH
Bluemont Co.	11101 Frankstown Rd. 15235
	PUNXSUTAWNEY
Frank Roberts & Sons	R.D. 2 15767
	SCRANTON
Scranton Auto Ignition Co.	1133-35 Wyoming Ave. 18509
TENNESSEE	KNOXVILLE
Ace Distributors	2103 Magnolia 37917
	NASHVILLE
Chilton Air Cooled Engine	319 4th Ave. S. 37210
TEXAS	DALLAS
Marr Brothers, Inc.	423 E. Jefferson 7520
UTAH	SALT LAKE CITY
Powered Products	1661 N. Beck St. 84116
VIRGINIA	ASHLAND
RBI Corp.	101 Cedar Ridge Dr. 23005
WASHINGTON	SEATTLE
Equip. Northwest	1410 14th Ave. 98122
WISCONSIN	MILWAUKEE
Wisconsin Magneto Inc.	4727 N. Teutonia St. 53209
PUERTO RICO	RAMEY
Island Distribution Center	102 N. St. 00604

WARRANTY PARTS AND SERVICE POLICY

(0689)

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number, Serial Number and/or Date Code of unit involved.
2. Date unit was purchased.
3. Date of Failure.
4. Nature of Failure.